

GAMES



CONSOLIDATED CAN

Our friends at the recycling center are crushed! Before they can collect the deposit on these soft-drink cans, they have to identify all the brand names. Can you help them straighten out the confusion?

ANSWERS, PAGE 60.



ROBOCOP™

ORION®

LICENSED BY
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**THE FUTURE OF LAW ENFORCEMENT HAS ARRIVED.
NOW FOR NINTENDO.**



Detroit has seen better days. A gang of ruthless hoods has overrun the city, and crime is out of control. Attacks on the streets. Drug trafficking. Corruption and cop killing. It's so bad a private firm, Security Concepts, now runs the police department. As RoboCop, your job is simple — clean up the city. Armed with a heavy-duty arsenal of weapons, including Robo's

Special Issue Auto-9, make your way past street thugs, the notorious Clarence Boddicker and the powerful ED-209 to your final battle with Dick Jones.

Serving the public trust, upholding the law, and protecting the innocent was never so challenging, never so dangerous, and never so much fun as this.

With great graphics and great game action, the future of law enforcement is **ROBOCOP**. On Nintendo. From Data East.

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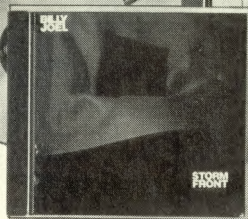
plus shipping and handling with membership. Details below.



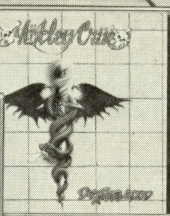
Rolling Stones—Steel Wheels (Rolling Stones Rec.) 387-738



Paula Abdul—Forever Your Girl (Virgin) 374-637



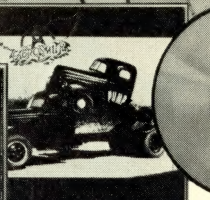
Billy Joel—Storm Front (Columbia) 387-902



Mötley Crüe—Dr. Feelgood (Elektra) 387-944



Janet Jackson—Rhythm Nation 1814 (A&M) 388-918



Aerosmith—Pump (Geffen) 388-009

Pat Benatar—Best Shots (Chrysalis) 401-646

Billy Ocean—Greatest Hits (Jive/RCA) 400-879

The Best Of The Dregs—Divided We Stand (Arista) 386-979

Big Audio Dynamite—Megatop Phoenix (Columbia) 388-215

Bros—The Time (Epic) 400-895

Terence Trent D'Arby—Neither Fish Nor Flesh (Columbia) 389-726

Mark Knopfler—Last Exit To Brooklyn (Warner Bros.) 389-536

Bob Dylan—Oh Mercy (Columbia) 389-262

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Cher—Heart Of Stone (Geffen) 383-893

Basia—London, Warsaw & New York (Epic) 401-752

Loverboy—Big Ones (Columbia) 401-661

Ars—Truth In A Structured Form (Imagine) 401-539

Survivor—Greatest Hits (Scotti Brothers) 401-521

Spyro Gyra—Point Of View (MCA) 383-737

Kate Bush—The Sensual World (Columbia) 401-232

Don McLean—For The Memories Volume 1 & 2 (Gold Castle) 401-224

Eagles—Live (Elektra) 400-713

Joe Satriani—Flying In A Blue Dream (Relativity) 400-655

Georgia Satellites—In The Land Of Salvation And Sin (Elektra) 400-598

The Best Of Luther Vandross—The Best Of Love (Epic) 400-473/390-476

Brahms: Violin Concerto; Bruch: Concerto No. 1. Nadia Salerno-Sonnenberg; Edo De Waart and Minnesota Orch. (Angel) 400-135

Max Q (Atlantic) 400-077

Lee Ritenour—Color Rit (GRP) 400-051

Joe Strummer—Earthquake Weather (Epic) 400-010

SOS Band—Diamonds In The Raw (Tabu) 389-973

N.R.B.Q.—Wild Weekend (Virgin) 389-882

Linda Ronstadt—Cry Like A Rainstorm, Howl Like The Wind (Elektra) 389-874

David Byrne—Rei Momo (Sire) 389-494

Big Daddy Kane—It's A Big Daddy Thing (Cold Chillin') 389-460

Molly Hatchet—Lightning Strikes Twice (Capitol) 389-346

Red Hot Chili Peppers—Mother's Milk (EMI) 389-205

The Best Of Tim Curry (A&M) 388-926

Britny Fox—Boys In Heat (Columbia) 388-421

Paul Simon—Negotiations And Love Songs (Warner Bros.) 400-721/390-724

Rickie Lee Jones—Flying Cowboys (Geffen) 388-199

The Band—To Kingdom Come ... (Capitol) 388-181

Jethro Tull—Rock Island (Chrysalis) 388-157

Neil Young—Freedom (Reprise) 388-132

Lou Gramm—Long Hard Look (Atlantic) 388-108

Melissa Etheridge—Brave And Crazy (Island) 388-090

Loudness—Soldier Of Fortune (Atco) 388-082

Squeeze—Frank (A&M) 388-058

Taylor Dayne—Can't Fight Fate (Arista) 388-017

Elton John—Sleeping With The Past (MCA) 387-993

Plácido Domingo—The Unknown Puccini (CBS Master) 387-829

Dave Edmunds—Closer To The Flame (Capitol) 387-126

The Beach Boys—Still Cruisin' (Capitol) 387-092

Joe Cocker—One Night Of Sin (Capitol) 387-084

King's X—Gretchen Goes To Nebraska (Al/Megaforce WW) 387-019

Ziggy Marley & The Melody Makers—One Bright Day (Virgin) 386-987

Harry Connick, Jr. When Harry Met Sally—Original Soundtrack (Columbia) 386-821

Belinda Carlisle—Runaway Horses (RCA) 400-788

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Babyface—Tender Love (Epic) 386-177

Steve Stevens Atomic Playboys (Warner Bros.) 386-086

Jefferson Airplane (Epic) 385-906

Pete Townshend—The Iron Man (Atlantic) 385-724

Yousouf N' Dour—The Lion (Virgin) 384-362

Bryan Ferry / Roxy Music—Street Life (Reprise) 384-230

Anderson, Bruford, Wakeman, Howe (Arista) 384-115

Pat Metheny Group—Letter From Home (Geffen) 383-901

Don Henley—The End Of The Innocence (Geffen) 383-802

Beastie Boys—Paul's Boutique (Capitol) 383-786

Billy Squier—Hear And Now (Capitol) 383-760

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Bonham—The Disregard Of Timekeeping (WTG) 383-497

Clarence Clemons—A Night With Mr. C (Columbia) 383-067

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Gloria Estefan—Cuts (Both Ways) (Epic) 382-341

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10,000 Maniacs—Blind Man's Zoo (Elektra) 382-077

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Madonna—Like A Prayer (Sire) 379-594

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Fine Young Cannibals—The Raw And The Cooked (I.R.S.) 379-214

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The Who—Who's Better, Who's Best (MCA) 376-657

Soul II Soul—Keep On Movin' (Virgin) 386-037

Fleetwood Mac—Greatest Hits (Warner Bros.) 375-782

Journey's Greatest Hits (Columbia) 375-279

.38 Special—Rock & Roll Strategy (A&M) 375-139

The Traveling Wilburs—Volume One (Wilbury) 375-089

REO Speedwagon—Greatest Hits (Epic) 367-672

Little Feat—Feats Don't Fail Me Now (Warner Bros.) 363-523

Best Of The Doors (Elektra) 357-616/397-612

Yes—Close To The Edge (Atlantic) 351-965

Rolling Stones—Sticky Fingers (Rolling Stones Rec.) 350-645

Bad Company—10 From 6 (Atlantic) 341-313

A Decade Of Steely Dan (MCA) 341-073

Air Supply—Greatest Hits (Arista) 321-307

Elton John—Greatest Hits (MCA) 319-541

Led Zeppelin—Coda (Swan Song) 318-071

Creedence Clearwater Revival—20 Greatest Hits (Fantasy) 308-049

Cheap Trick—At Budokan (Epic) 292-326

Emerson, Lake & Palmer—Brain Salad Surgery (Atlantic) 291-526

Best Of The Doobie Bros. (Warner Bros.) 291-278

SEND NO MONEY—JUST MAIL COUPON

The age of CD sound is here—and you have a practical new way to find the CDs you want. As your introduction to the Club, you can choose any 8 CDs listed in this ad for 1¢. Fill in and mail the application—we'll send you 8 CDs and bill you for a penny, plus shipping and handling. You simply agree to buy 6 more CDs (at regular Club prices) in the next three years—and you may then cancel your membership anytime after doing so.

How the Club works. About every four weeks (13 times a year) you'll receive the Club's music magazine, which describes the Selection of the Month...plus new hits and old favorites from every field of music. In addition, up to six times a year, you may receive offers of Special Selections, usually at a discount off regular Club prices, for a total of up to 19 buying opportunities.

If you wish to receive the Selection of the Month, you need do nothing—it will be shipped automatically. If you prefer an alternate selection, or none at all, fill in the response card always provided and mail it by the date specified. You will always have at least 10 days in which to make your decision. If you ever receive any Selection

without having 10 days to decide, you may return it at our expense.

The CDs you order during your membership will be billed at regular Club prices, which currently are \$12.98 to \$15.98—plus shipping and handling. (Multiple-unit sets may be somewhat higher.) After completing your enrollment agreement you may cancel membership at any time; if you decide to continue as a member, you'll be eligible for our money-saving bonus plan. It lets you buy one CD at half price for each CD you buy at regular Club prices.

10-Day Free Trial: We'll send details of the Club's operation with your introductory shipment. If you are not satisfied for any reason whatsoever, just return everything within 10 days and you will have no further obligation. So why not choose 8 CDs for 1¢ right now?

Extra Bonus Offer: As a special offer to new members, take one additional CD right now for only \$6.95. This discount purchase entitles you to choose an extra CD as a bonus FREE. Just indicate your choices in the coupon, and you'll receive your discounted CD and your bonus CD with your 8 introductory CDs—a total of 10 in all!

CBS/COLUMBIA HOUSE, 1400 N. Fruitridge Ave.
P.O. Box 1129, Terre Haute, Indiana 47811-1129

185/590

Please accept my membership application under the terms outlined in this advertisement. Send me the 8 Compact Discs listed here and bill me 1¢ plus shipping and handling for all eight. I agree to buy six more selections at regular Club prices in the coming three years—and may cancel my membership at any time after doing so.

SEND ME THESE 8 CDs FOR 1¢ (write in numbers below):

My main musical interest is (check one): (But I may always choose from any category)

<input type="checkbox"/> Hard Rock Rolling Stones, Aerosmith	<input type="checkbox"/> Soft Rock Tina Turner, Gloria Estefan	<input type="checkbox"/> Modern Rock Sugarbushes, Big Audio Dynamite	<input type="checkbox"/> Pop Barbra Streisand, Barry Manilow	<input type="checkbox"/> Heavy Metal Mötley Crüe, Skid Row
<input type="checkbox"/> Black Music Babyface, Soul II Soul	<input type="checkbox"/> Jazz Pat Metheny, Kenny G	<input type="checkbox"/> Country Reba McEntire, Randy Travis	<input type="checkbox"/> Classical* Vladimir Horowitz, Yo-Yo Ma	<input type="checkbox"/> Easy Listening Roy Conniff, Johnny Mathis

Mr. _____
Mrs. _____
Miss _____ Print First Name Initial Last Name

Address _____ Apt. _____

City _____

State _____ Zip _____

Do you have a VCR? (04) ☐ Yes ☐ No J87/F6
Do you have a credit card? (03) ☐ Yes ☐ No J88/S9

☐ **Extra Bonus Offer:** also send me this CD for which I will be billed an additional \$6.95.

...and I'm entitled to this extra CD FREE!

Selections with two numbers contain 2 CDs and count as 2—so write in both numbers.

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CBS/COLUMBIA HOUSE: Terre Haute, IN 47811

Note: We reserve the right to reject any application or cancel any membership. These offers not available in APO, FPO, Alaska, Hawaii, Puerto Rico; write for details of alternative offer. Canadian residents serviced from Toronto. Applicable sales tax added to all orders. *Classical members serviced by the CBS Classical Club.

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DIFFICULTY RATING

Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk ★★★ Mixed Bag ★☆

Cover Puzzle Rick Stark **Cover Photograph** Carl Waltzer



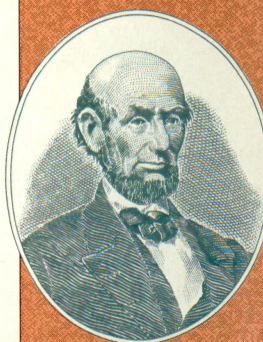
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THE GREAT 89¢ MOVIE SALE

TAKE ANY SIX MOVIES FOR 89¢ EACH

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THE LAND BEFORE TIME
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WHO FRAMED ROGER RABBIT?
5499072



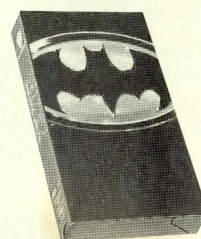
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SAY ANYTHING	3720032	THE MALTESE FALCON	0508072	DIE HARD	3676072
SEE NO EVIL. HEAR NO EVIL	5942002	COUSINS	4472012	THE COLOR PURPLE	6301032
BEACHES	5498082	THE NAKED GUN	4471022	AN AMERICAN TAIL	2184042
RAIN MAN	2869062	A CRY IN THE DARK	6383042	LETHAL WEAPON	6308222
PRIME OF MISS JEAN BRODIE	3731002	HEARTBREAK HOTEL	5497092	STAR WARS	0564652
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ROBOCOP	2350022	SHORT CIRCUIT 2	5906042	HOLIDAY INN	1035152
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ANNIE	1516132	BULL DURHAM	2360002	RAMBO III	7975062
THE ACCUSED	4418082	CLEOPATRA	0579432	BIG BUSINESS	5494022
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CROCODILE DUNDEE	4297122	MOONSTRUCK	2716012	THE DEER HUNTER	2124152
MY STEP-MOTHER IS AN ALIEN	5902082	SEVEN BRIDES FOR SEVEN BROTHERS	2518352	ALIEN	0002812
AMADEUS	6529172	THE CARE BEARS MOVIE II	1862132	THE GODS MUST BE CRAZY	7340042
JANE FONDA'S COMPLETE WORKOUT	6359042	STAR TREK IV - THE VOYAGE HOME	4306112	DEATH WISH 4: THE CRACKDOWN	3449032
A FISH CALLED WANDA	3675082	ROMANCING THE STONE	0894252	TUCKER	4417092
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ON GOLDEN POND	0523572	STAR TREK III - THE SEARCH FOR SPOCK	2016322	BUTCH CASSIDY AND THE SUNDANCE KID	0517632
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OKLAHOMA!	0054392	ALIENS	3609252	FUNNY GIRL	1511262
THE UNTOUCHABLES	4321042	STAR TREK - THE MOTION PICTURE	2035212	HELLO, DOLLY	0609472
DIRTY ROTTEN SCOUNDRELS	2372062	FULL METAL JACKET	6325052	MARRIED TO THE MOB	2361092
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SESAME STREET PRESENTS: FOLLOW THAT BIRD	6117232	MAJOR LEAGUE	4478052	THE QUIET MAN	4032122
GREASE	2074312	ALIEN NATION	3698012	STAKEOUT	5488002
THE MUSIC MAN	6147012	CHANCES ARE	5932022	CABARET	4001502
PINK FLOYD - DELICATE SOUND OF THUNDER	4627052	COMING TO AMERICA	4416002	FROM HERE TO ETERNITY	1917002
DAUGHTERS OF DEATH	6387002	THREE MEN AND A CRADLE	5491052	THE GODFATHER	0008512
EVERYBODY'S ALL AMERICAN	6380072	TWINS	5810092	BIG	3674092
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IMAGINE: JOHN LENNON	6368032			BEN-HUR	2603312
CROSSING DELANCEY	6371082			RETURN OF THE JEDI	3547532
PUNCHLINE	1994062			THE EMPIRE STRIKES BACK	0910412
				COCOON II	3710052
				TEQUILA SUNRISE	6389082

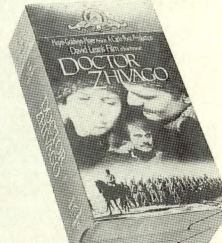
WORKING GIRL
3722012



BATMAN
6425042



DR. ZHIVAGO
0026182



THE TEN COMMANDMENTS
2026552



CBS VIDEO CLUB 1400 No. Fruitridge, Terre Haute, IN 47811-1112

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What a sale! Now you can own any six movies here for just 89¢ each (plus shipping/handling) with membership in the CBS Video Club. Choose from the best, too. *Batman*, *Who Framed Roger Rabbit* and more! And you can even get 2 more movies at a savings of up to \$70 each (see Advance Selection box in the coupon).

There's no membership fee for joining, nor do you have to buy a lot of movies. Just six more within the next three years. And you'll have no problem in finding six movies you want, because our library holds over 2,700 titles; from the very newest releases to classical favorites. Our regular Club prices currently range from \$79.95 to \$29.95, plus shipping and handling; and we also offer a selection of lower-priced videocassettes, down to \$14.95. Your only membership obligation is to buy six movies in three years for as little as \$29.95 each—and you may cancel membership anytime after doing so.

How the club operates: about every four weeks (up to 13 times a year) we send you our *CBS Video Club Magazine*, reviewing our Director's Selection, plus many alternate movies. And up to four times a year, you may also receive offers of Special Selections, usually at a discount

off regular Club prices, for a total of up to 17 buying opportunities.

Choose only the movies you want: if you want the Director's Selection, don't do a thing—it'll arrive automatically. If you'd prefer an alternate movie, or none at all, just mail the card always provided by the date specified. You'll always have two full weeks to decide. (If you ever receive a tape before having had two weeks to decide, just send it back at our expense.)

Half-Price Bonus Plan: after fulfilling your membership obligation, you'll automatically become eligible for our Half-Price Bonus Plan. With each movie you buy at regular Club prices, the plan currently allows you to take another movie of equal value or less at 50% off.

10-Day Risk-Free Trial: join today and we'll send your introductory movies, along with more details on how the Club works. If for any reason you're not satisfied, return everything within 10 days for a full, prompt refund and no further obligation.

For fastest service: use your credit card and our toll-free number to order. Call 24-hours a day:

1-800-544-4431

CBS VIDEO CLUB Dept. HH2,

P.O. Box 1112, Terre Haute, IN 47811-1112

Yes, please enroll me in the CBS Video Club under the terms outlined in this advertisement. As a member, I need buy just six more movies at regular Club prices within the next three years.

Send me these 6 movies for 89¢ each plus \$6.00 shipping & handling (Total \$11.34).

#	#
#	#
#	#

Available in VHS only

Please check how paying:

- ☐ My check is enclosed. P75/P81/N22
- ☐ Charge my introductory movies and future Club purchases to:
- ☐ MasterCard ☐ Diners Club ☐ American Express ☐ VISA

Account # _____ Expiration Date _____

Signature _____

Name _____ Phone () _____

Address _____ Apt. _____

City _____ State _____ Zip _____

Note: CBS Video Club reserves the right to reject any application or cancel any membership. Offer limited to continental U.S. (excluding Alaska) and Canada. Canadian residents will be serviced from Toronto (offer may vary). Applicable sales tax added to all orders.

045/S90

Advance Selections

**SAVE UP TO \$140 MORE—
HAVE LESS TO BUY LATER!**

You may order one or two more movies now for only \$9.99 each—so you can save up to \$140! What's more, each discount purchase immediately reduces your membership obligation by one!

☐ Also send my first selection for \$9.99 plus \$1.75 shipping/handling which I'm adding to my \$11.34 payment. I then need buy only 5 more (instead of 6) in three years.

☐ And also send still one more selection for an additional \$9.99 plus \$1.75 shipping/handling. I then need buy only 4 more (instead of 6) in the next 3 years.

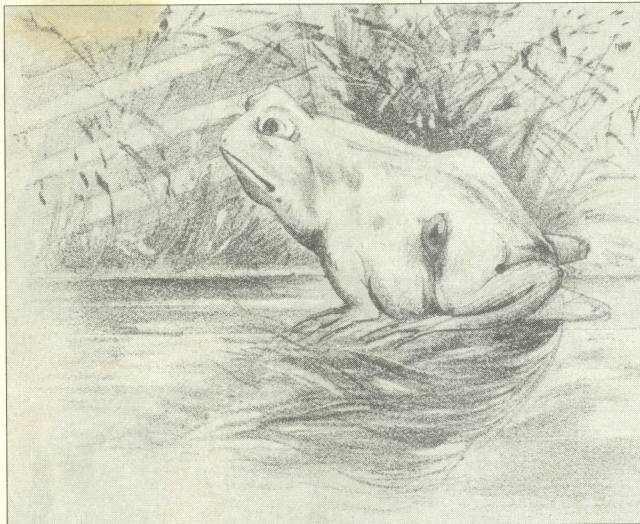
P76/P82/N23

Ingenuities is a new department of wordplay, number play, visual curiosities, and other ... well, ingenuities, created or discovered by readers. GAMES invites your contributions and will pay \$40 for each item published. Submissions cannot be returned unless accompanied by a stamped return envelope.

ONE GOOD TURN

At a flea market recently, I picked up this unusual advertising card from 1878. The picture shows a frog in a pond, which, when rotated 90° counterclockwise, surprisingly turns into something entirely different.

Frederick Laurence
Pittsburgh, PA



ALPHABETIC POETRY

An English teacher in my hometown gave his class the task of writing an alphabetic poem, the first word starting with A, the second with B, and so on through Z. The best example (shown below), which I thought you'd enjoy, is by 14-year-old Felicity Basher.

Jeff Grant
Hastings, New Zealand

Zeppelin

Airborne blimp circling dangerously
Enemy from Germany
How inconsiderate
Just killing life meaninglessly
Nazis, obnoxious people
Quarreling relentlessly
Secretive times unleashing
Vicious warfare
Xenophobes yielding "Zeppelin."

STALKING THE NINE-SQUARE

Word squares, which date back to the Roman Empire, are words arranged in a square pattern so that they read the same both across and down. The first word square in America was composed of six six-letter words and was published in 1859. Since that time, puzzlemakers have been trying to build ever bigger examples. Difficulty of construction, however, goes up sharply with word length, and the first nine-letter square in the English language was not published until 1897. In fact, it is so hard to devise nine-squares

that only three people alive today have ever succeeded, and no nine-square has ever been created using words from just one dictionary.

With this in mind, I decided to write a computer program to search for a square in my nine-letter data base of words, names, and phrases. A

quick calculation showed, though, that it would take the fastest computer about a million times the age of the universe to try all the possible combinations. So, since I had only a personal computer and this approach was not practical, I spent seven months refining and testing search algorithms.

Then began the vigil. Each morning after waking and each evening after work I would check my computer. For weeks there was nothing. But then one night a nine-square appeared on the screen. I frantically pawed through my dictionaries to confirm the square's validity and discovered that all the words appeared in a single source—*Webster's New International Dictionary, Second Edition*. I had stumbled across a prize that had eluded square constructors for nearly a hundred years!

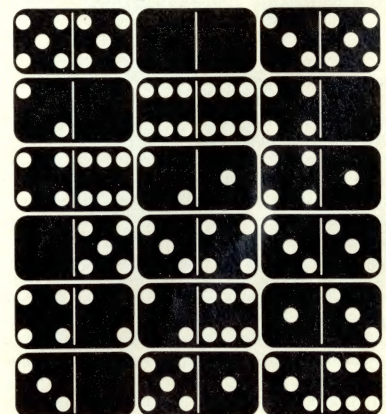
1	N	E	C	E	S	S	I	S	M
2	E	X	I	S	T	E	N	C	E
3	C	I	R	C	U	M	F	E	R
4	E	S	C	A	R	P	I	N	G
5	S	T	U	R	N	I	D	A	E
6	S	E	M	P	I	T	E	R	N
7	I	N	F	I	D	E	L	I	C
8	S	C	E	N	A	R	I	Z	E
9	M	E	R	G	E	N	C	E	S

Since only one word in the square, EXISTENCE, is a household term, I'll define the others here: **1** Doctrine that the will is not free **3** To carry or spread around **4** Furnishing with a steep slope **5** The starling family **6** Everlasting **7** Pertaining to a nonbeliever **8** To write a plot outline for **9** Processes of uniting

Eric Albert
Auburndale, MA

MAGIC DOMINOES

After losing three straight games of dominoes to my roommate, I decided to try something different with the tiles. I've often wondered if it was possible to make a magic square—a square of numbers where each row, column, and main diagonal add up to the same number—using dominoes from just one set. After much trial and error, I finally came up with one, shown below, that has a magic number of 18. Can GAMES readers create any other arrangements that have different magic numbers? How



about larger squares using bigger sets of dominoes? Of course, since only one set of dominoes may be used, no repeated dominoes are allowed in the same square.

Emil Andrews
Brooklyn, NY

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LETTERS

DO YOU READ ME?

This editorial headline appeared in the September 9 *Dallas Morning News*. Perhaps the number nine is unlucky for them. Or perhaps they've joined the "fight against literacy."

H-E-L-P

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bration" by bringing together various community interests who shared common problems—primarily having hundreds of people on waiting lists for tutoring but never enough tutors, materials or money.

Some helpful ideas already are under way. The Dallas public library has a literacy program.

Debra Pruett
Dallas, TX

NAME DROPPING

I found "Whatchamacallits" (October/November page 20) informative. I thought it would be amusing to come up with sniglets for some of the objects, so here's my attempt:

The very beginning of a roll of film that feeds into the sprockets: FILMFLAM.

The front of an office desk that extends down toward the floor: OFFACADE.

The frames in which the glass panes of a window are set: WINDOW WEB.

The loop on the front of a belt, which secures the tip of the belt: STRAP TRAP.

The little metal band around a pencil, right below the eraser: TICONDEROGIRDLE.

Ben Schwalb
Laurel, MD

FUTURE SHOCK

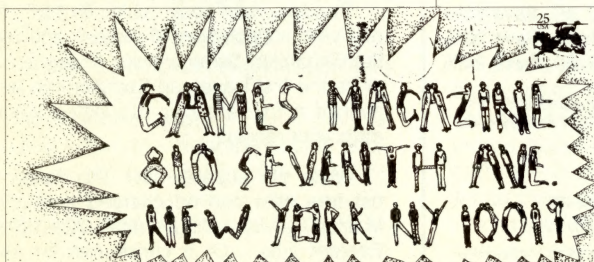
This letter is about my entry to your "Cross Purposes" contest, and about how strange life can really be.

I had thought of the subject of earthquakes and created my two-panel cartoon on the spur of the moment. Less than a month later, California was hit with a major earthquake! Not only that, but I chose the number SEVEN to cross SCALE. Seven was the approximate reading on the Richter Scale for the California quake.

Jed Martinez
Elmont, NY

The results of "Cross Purposes" and Mr. Martinez's winning entry are on page 48.—Ed.

ENVELOPE OF THE MONTH



Jay Greenberg
Philadelphia, PA

TOSSING AND TURNING

I was recently in a hotel room and nodding off to sleep. I had just finished doing one of your cryptograms (and that always gets me anagramming everything I see). On the door knob there was a sign that read "QUIET PLEASE." If you anagram both words, you get a reason for the sign being there: "QUITE ASLEEP."

Clif McCormick
Greensboro, NC

NUMBER PLEAS

I think it only fitting that in your 102nd issue you print the names of the 102 people that I badgered, bothered, and otherwise imposed upon to obtain the 100 answers to your "100 and Counting" contest. Those names would include all the people at my beauty shop, video store, the two closest libraries, and the Social Security office on Guam. My biggest problem now is trying to fit "vertices on a pentagonal hexcontahe-dron" into the conversation at cocktail parties.

Ellen Bourne
San Diego, CA

The results of "100 and Counting" appear on page 49.—Ed.

LAUNDRY

If a reader finds a significant error or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

OCTOBER/NOVEMBER

Your hint for number five in "Dszquphsbnt!" said that bigram IN appears three times. However, PU, the cipher for IN, appears four times.

Susan Wohletz
Las Vegas, NV

In the "100 and Counting" contest (page 12), question 80 asks for "Strings of a standard piano, minus strings of a string quartet," to be answered with a number between one and 100. A standard piano has at least 220 strings, and a string quartet has 16 strings. I know the contest is "especially tricky," but it would take exceptional trickery indeed to write 204 as a number between 1 and 100! Perhaps you meant keys of a standard piano minus strings of a string quartet?

Lion Gunnels
Scottsdale, AZ

Indeed, we did.—Ed.

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DARTS About 750 darters will compete for \$25,000 in prize money at the Lucky Strike Filters Las Vegas Open, February 2-4, at the Union Plaza in Las Vegas. The games will be singles and doubles Cricket and 501. CONTACT: Marcki Murdock, 3085 South Nellis Blvd., Las Vegas, NV 89121, or call (702) 451-9221.

MAH-JONGG The Sea View Marriott, in Absecon, New Jersey, will host the Green Dragon Mah-Jongg Tournament, February 10-12. Over 100 people will vie for cash and trophies. Entry fees range from \$15 to \$35. CONTACT: Margaret Bauer, 8 Livingston Ave., Kearny, NJ 07032, or call (201) 991-1499.

PIT SPITTING The Minnesota Sit 'n' Spit Club of Mankato, Minnesota, will hold the 12th Annual Cherry Pit Spitting Contest on February 17. For an entry fee of eight bits, contestants get to spit six pits at a spittoon that is 8'3" away. Sitting while spitting is a requirement. The record is three out of six in the spittoon. Trophies will be awarded. CONTACT: Omar McGuire, 45 North Hill Court, Mankato, MN 56001, or call (507) 625-4531.

MARCH

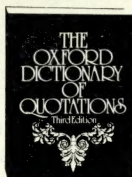
BACKGAMMON The Midwest Backgammon Championships, a no-smoking event, will take place March 23-25 at the Holiday Inn in Oakbrook Terrace, Illinois. There will be three divisions of play, so entry fees vary. Cash prizes based on the number of entrants will be awarded. CONTACT: Chicago Bar Point Club, 2726 West Lunt Ave., Chicago, IL 60645, or call Bill Davis at (312) 338-6380.

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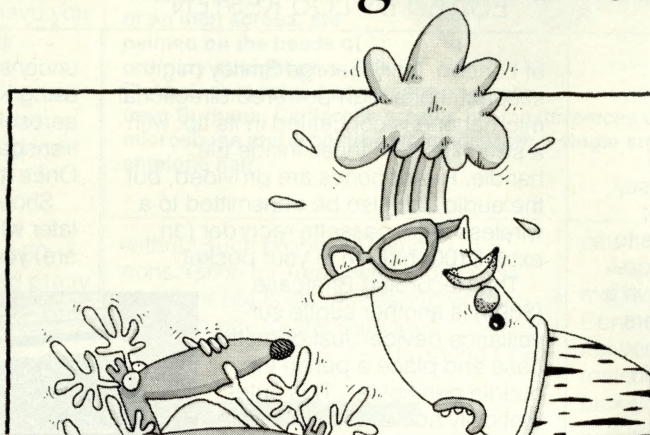
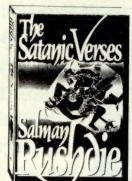
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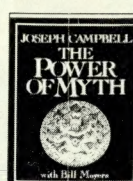
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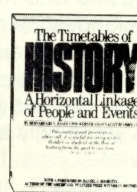
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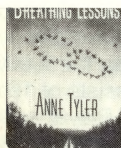
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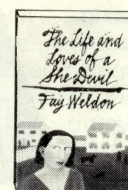
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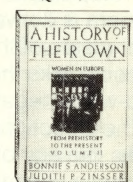
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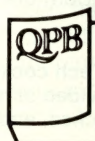
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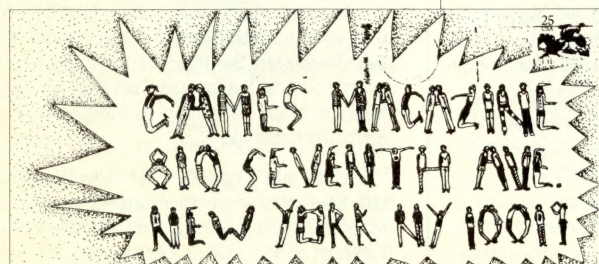
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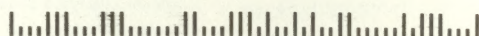
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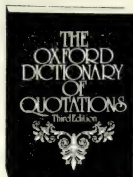
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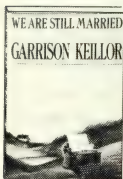
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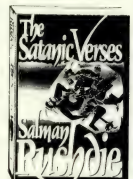
*321. Stephen Hawking offers a convincing big picture of the origins of the cosmos.
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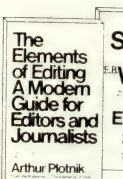
*482. This latest edition of the famous dictionary has 40,000 memorable quotations.
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*447. A hilarious new collection from the author of *Lake Wobegon Days*.
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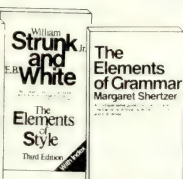


*406. A rollercoaster ride over a vast landscape of the imagination.
—London Guardian.
Hardcover: \$19.95
QPB: \$9.95



109. A special QPB trio: The Elements of Style, The Elements of Grammar, The Elements of Editing.

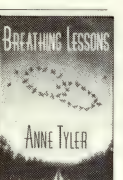
3-volume set
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*117. Over 1600 problem-solving drawings with explanations on every aspect of home repair.
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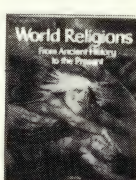
211. Take a trip down Larson's memory lane with over 300 color and black-and-white cartoons.
QPB: \$10.95



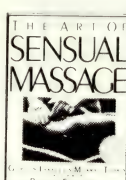
230. A story about marriage and what it means to spend a lifetime with another person.
Hardcover: \$18.95
QPB: \$9.95



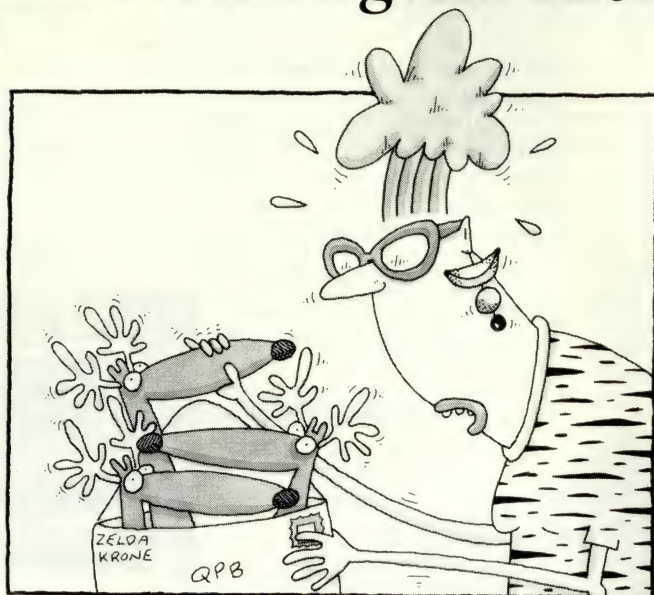
*716. From the pages of *Rolling Stone*, a documentary of the past 20 years.
Hardcover: \$24.95
QPB: \$12.95



601. The evolution of beliefs throughout history. Illustrated.
Hardcover: \$29.95
QPB: \$12.95



297. Soothing therapeutic techniques. 150 graphic photographs.
QPB: \$9.50

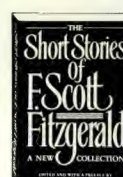


Choosing three books was easy, but getting the three bucks into the envelope proved to be beyond Zelda Krone's capabilities.

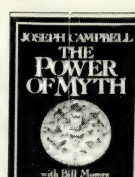
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*194. A landmark omnibus collection of 43 of Fitzgerald's best short stories.
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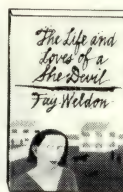
423. A scholar tells how myths have shaped our lives. A PBS TV series.
Hardcover: \$27.50
QPB: \$15.95



267. The story of civilization in a unique chart format.
Hardcover: \$29.95
QPB: \$15.95



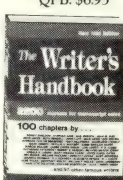
182. Moyers talks about everything from morality to science.
Hardcover: \$29.95
QPB: \$15.95



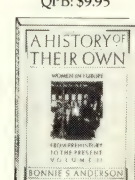
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GAMEBITS

EDITED BY LOU KESTEN

COME SPY WITH ME

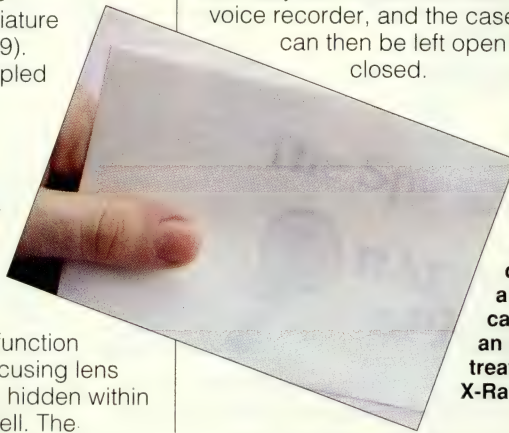
When James Bond needs a bit of high-tech gadgetry to crack a case, he can always turn to Q. But what about the average Joe who wants to indulge in a little clandestine snooping? The Spy Shop, tucked away in a major Manhattan skyscraper, offers the sort of gimmicky devices you probably thought you'd only see in secret-agent movies.

One of the Spy Shop's offerings is the ultra-miniature Stealth MX camera (\$399). Manual operation is coupled with a totally invisible infrared flash, allowing pictures to be taken in absolute darkness without causing any disturbance. Should you need to be even more unobtrusive, you'll love the Wrist Watch Camera (\$1,900), a full-function LCD timepiece with a focusing lens and camera mechanism hidden within its 10-millimeter-thick shell. The camera is activated by a small switch on the side of the face, and requires special disks that hold seven black-and-white negatives.

The Directional Umbrella (\$399) looks like any black, pedestrian umbrella you might see on the streets

of London. Only George Smiley might suspect that a high-powered directional microphone is concealed in its tip, with a switch and batteries inside the handle. Headphones are provided, but the audio can also be transmitted to a wireless microcassette recorder (an extra \$100) hidden in your pocket.

The Recording Briefcase (\$899) is another subtle surveillance device. Just open the case and place a pen in the middle pen holder. This automatically activates the hidden voice recorder, and the case can then be left open or closed.



The wrist-watch above contains a miniature camera; (left) an envelope treated with X-Ray Spray

If you're toting around top-secret material, you might want the Security Briefcase (\$699). This baby will activate an ear-piercing alarm and send a jolting 50,000 volts through anyone who decides to violate your property.

Once you've knocked the guy

unconscious you can read his mail using X-Ray Spray. A spritz from this aerosol can renders an envelope transparent for about 30 seconds. Once it dries, there's no telltale stain.

Should you need to talk to the guy later without letting him know who you are, you'll need the Voice Changer (\$299). This small, battery-powered speaker attaches to a phone's mouthpiece. By adjusting its pitch selector you can alter the sound of your voice. There's even a DOG button that makes the sounds of a vicious guard dog barking in the back-



ground.

You can protect your own phone calls with the Voice Safe (\$299). This AC-powered scrambler goes between a telephone and a phone jack, and allows you to talk to someone else in perfect secrecy—provided that the other party has a similar unit to descramble your voice. Both the transmitter and receiver must have the same code, and with over 13,000 combinations, it's nearly impossible for a third party to descramble your transmissions. It's an amazing device—but perhaps no more amazing than the fact that all of this is perfectly legal.

—Marshall Rosenthal

MARSHALL ROSENTHAL

ARCADE OF THE FUTURE

Imagine strapping yourself into the cockpit of a "Mech," an ultra-high-tech robot designed for combat on hostile planets. Under your control is an arsenal of powerful weapons: particle beams, lasers, missiles, and rapid-fire cannons. In front of you are two video screens, one showing the immediate landscape, the other showing the positions of your comrades-at-arms—as well as the Mechs who are out to blow you to kingdom come.

The BattleTech cockpit houses two high-resolution video screens and dozens of lights, switches, and buttons.



We've come a long way from Space Invaders.

This new generation of video games is called BattleTech, and it's set to debut in April. Housed in downtown Chicago's North Pier Center, the 4,000-square-foot installation consists of 16 of the BattleTech cockpits. Player are grouped into four-person teams, with the cockpits linked together so that each player knows what his teammates—and opponents—are up to. Once everyone's strapped in, the scenario is downloaded into each cockpit's computer, and the fight is on. For five bucks, you get 15 or so minutes of intense futuristic warfare.

According to Jordan Weisman, president of the Environmental Simulations Project (ESP) Corporation, no two

missions are ever the same. "There are dozens of different types of Mechs, and the vehicles and terrain are randomly generated for each game. The missions also vary: One time you might be mounting an attack on the enemy's base, while the next game will have you defending a convoy against your opponents."

Even the most devoted video gamer will be dazzled and daunted by the BattleTech experience. Operating your Mech requires mastering dozens of controls: two joysticks with three buttons each, a throttle, two foot pedals, a 16-button keypad, and 60—yes, 60—switches. I got creamed pretty quickly the first time I played, but definitely wanted to go back for more.

Weisman says there will be different scenarios for beginning and expert players, and if there aren't enough warriors around to make up teams, players can fight one-on-one. According to Weisman, though, "BattleTech lends itself best to league play. We plan to recruit teams of students or even professionals like lawyers and accountants to play against each other. Teamwork is much more important here than having a quick trigger finger."

While Weisman has had over 150 requests to open BattleTech franchises in other cities, ESP is waiting to gauge Chicago's response to this new frontier in gaming. Most likely, the next centers will be located in Los Angeles or Las Vegas.

—Lou Kesten

NINTENDO BOMBS OUT

Video game players thrive on action—although not necessarily when the excitement spills over into real life. Orfilia Arias recently got a taste of adventure when she flew from Los Angeles to Bogota, Colombia, two days after a terrorist bombing. As her suitcase went through customs, agents detected what appeared to be dynamite, wiring, and a clock. The agents called in the L.A. bomb squad, who promptly destroyed the suitcase.

What the case actually contained was a Nintendo game console and a curling iron. "It's happened before," says Bill Frio of the L.A. police. "For example, sometimes a briefcase might be left at a counter, and if it appears to be a bomb, we don't take any chances."

Nintendo spokesman Richard Lindner says that Nintendo staffers travel frequently with the equipment

KING PINS

These amazing works of art, measuring only $\frac{3}{50}$ ths of an inch across, are painted on the heads of ordinary straight pins. Edwin Finkbeiner, a retired aerospace engineer from Burbank, California, creates his masterpieces using a microscope and a paintbrush made from a single strand of antelope hair.



JOEL RIEMAN

without such problems. Small consolation for Arias, who didn't miss her flight but is still wondering who's going to pay for the damages.

—Raymond Ecker

ONLINE LINEUPS

Several years ago, "Rotisserie League" baseball became something of a craze among sports-mad yuppies. League members, playing the roles of team owners, bid against one another for real-life players; and a team's season results depend upon the

country.

Any hacker with a computer and a modem can join one of the Sports Center's leagues. Simply log on to the network, pick your sport, and get a roster of available players. After you pick your team *USA Today* assigns you to a league. During the course of the season you can replace injured players or make trades with other "owners"; Sports Center keeps track of all the statistics.

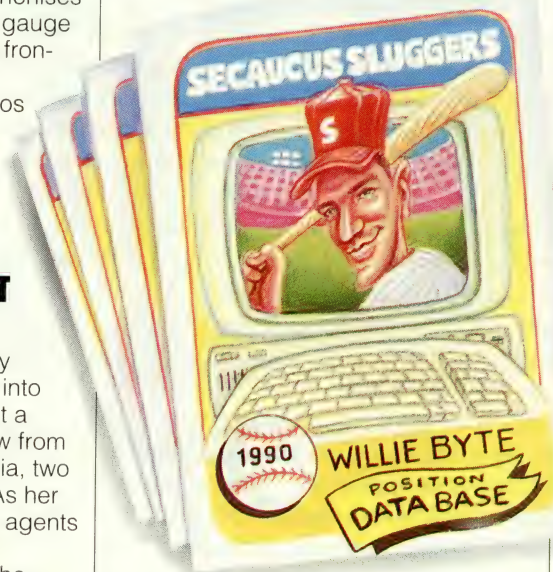
More than 2,000 fantasy league baseball "teams" competed on the Sports Center during the 1989 season. William O. Green, of Greensboro, North Carolina, topped the National League with his team, the Weaselpups; Jon F. Grauer's Blasters, based in Cheektowaga, New York, were the best American League team. Both men earned tickets and a trip to the real-life League Championship Series.

While the Rotisserie leagues are Sports Center's main attraction, the network offers plenty of other temptations. Another competition lets players pick the winners in each week's National Football League contests. Players "bet" against the spread, and the Sports Center updates the weekly standings of the most precient prognosticators.

USA Today's SportsTicker constantly updates statistics and game scores; a bulletin board lets collectors trade baseball cards and other memorabilia; and users can buy sporting goods at a discount through the "sports mart." An electronic mail service and "chat line" lets sports nuts exchange game strategy and opinions on the pros.

In addition, users can compete against the computer or each other in board games like chess, checkers, and backgammon, or try their luck in Vegas-style card games like poker and blackjack. Online membership is \$4.95 per hour at night and on weekends, \$14.95 per hour during weekdays. For subscription info, call 1-800-826-9688.

—Susie K. Nolte



actual, real-life performances of the men on a member's imaginary team. The fad has spread to other team sports like basketball and football.

The bible of many Rotisserie league "owners" is *USA Today*, favored for its extensive daily listings of sports statistics. And now *USA Today* has come up with its own variation on Rotisserie leagues: an online computer network, the Sports Center, where players can compete with opponents all over the

PETER FASOLINO

GETTING IT TOGETHER



Jigsaw Puzzles on the Cutting Edge

BY BURT HOCHBERG

M

Most people do the borders first and work inward. Others begin by sorting the pieces according to color and then build from the inside out. Serious solvers work "blind," and would no sooner peek at the picture than use a dictionary to solve a crossword. I've heard of legendary beings who, unwilling to view the picture even as it emerges under their hands, turn the pieces face down and use the shapes alone as clues to how they fit together. Probably just a rumor.

Whatever methods people use, more and more of us are putting together pictures that have been cut up into little pieces just so that we can put them together. All the puzzlemakers I spoke with agreed that jigsaw puzzles, which were a mad fad in 1908-09 and a wildly popular antidote for Depression depression in the 1930s, are once again taking over our minds, our fingers, and our dining room tables.

All but a fraction of the jigsaw puzzles produced in the United States are made of cardboard by a few large manufacturers: Milton Bradley; Springbok Editions (a division of Hallmark); Western Publishing; American Publishing; Jaymar. While those corporate biggies are die-cutting (not jigsawing) zillions of puzzles at the rate of "many a minute," as one of Uncle Miltie's marketing executives put it, a dozen or so dedicated artisans are sitting at actual jigsaws (or, in one case, would you believe, at a computer-controlled water jet) lovingly crafting one-of-a-kind wooden puzzles at speeds ranging from two or three a day to one a month.

Hand-crafted puzzles do not come cheap. You can buy a mass-produced cardboard puzzle for between \$3 and \$20, depending on the number of pieces (European imports cost up to \$50), but a custom-cut wooden job, depending on its size, piece count, material, maker, and other variables, can set you back anywhere from \$200 to \$8,000.

A jigsaw puzzle that costs as much as a diamond ring or a mink coat or a compact car had better be one heck of a jigsaw puzzle. For those who can afford them, these puzzles offer unusually stimulating challenges and the



Steve Richardson, the evil genius of Stave Puzzles.



The clown piece appears in every Stave puzzle.



Melody Echer
cutting a puzzle. The tubes
are part of a vacuum
system.

THEY CAME, THEY SAWED, THEY CONQUERED

Below is a list of American craftspeople who are currently cutting wooden jigsaw puzzles. Some offer catalogs or brochures. Many will cut custom pieces (monograms, symbols, or other special shapes) on request. Inquire first. Prices are approximate. This list was initially compiled by Anne D. Williams.

At Random, Ely Kirk, 4616 N. 38th St., Arlington, VA 22207; custom-cut plywood with wooden boxes; puzzles average 700 pieces; 50-80 cents per piece.

J.C. Ayer & Company, 42 Chestnut St., Salem, MA 01970; tel. (508) 741-1522; interlocking birch plywood puzzles, \$110-\$400 per puzzle (see article).

Boo Chee Toys, Bob and Trisha Lachman, 156 Mill St., Athens, Ohio 45701; tel. (703) 536-9536; mosaic pictures formed of various woods in frame; \$25-\$100 per puzzle.

F.A. Bourke, Inc., Box 726, Middlebury, VT 05753; tel. (802) 388-3648; cherrywood-backed plywood custom-cut puzzles of any desired picture; handmade wooden box; 250-5,000 pieces, \$400-\$8,000 per puzzle.

Sandra L. Carson, 114 Park Ave., Hightstown, NJ 08520; wood pieces individually stained to produce picture; created for display as art, but difficult to solve; some commission work accepted; \$50-\$2,000.

Elms, Inc., Betsy Stuart, 8 Beech Leaf Court, Towson, MD 21204; tel. (301) 583-7535; interlocking plywood custom-cut puzzles up to 1,500 pieces, including 20-piece puzzles for children, about \$1 per piece; also rents puzzles (\$50 lifetime membership; \$30 and up per puzzle for 1 week).

Harold Foster, 3103 34th Ave., Drive West, Bradenton, FL 34205; 10 cents per piece; min. \$15.

Jeremy Guiles, 7525 Sundial Terrace, Sarasota, FL 34231; tel. (813) 921-4103; interlocking custom-cut puzzles of box plywood up to 1000 pieces; 75 cents per piece.

Mary Maxwell, RFD Box 339, Westmoreland, NH 03467; custom-cut to order with special shapes; up to 500 pieces; 15 cents per piece.

Par Picture Puzzles, John Madden, 858 Mayer Dr., Warrington, NY 11793; \$1 per piece (see article).

The Puzzler II, Rev. Dr. David A. Russell, 31515 Windsor, Garden City, NJ 08135; interlocking bass plywood, custom shapes; about 17 cents per piece.

Rose Window, Jon Rinko, 37772 Sunset Lane, Oconomowoc, WI 53066; custom-cut plywood, children's puzzles; \$20-\$300.

Selected Grains, Steve Malavolta, 1350 Maroon Circle N.E., Albuquerque, NM 87112; (505) 293-4893; multilayered pictures of interlocking pieces of various woods, with frame; \$30-\$1,200.

Marge Seylarth, 33061 Camel Way, Lake Elsinore, CA 92530; custom-cut plywood in frame; 30 cents per piece.

Stave Puzzles, Inc., Box 3296, Norwich, VT 05055; tel. (802) 295-5200; \$2.50 per piece and up (see article).

Roger Twitchell, 165 Rathlon Rd., York, PA 17403; random cut, prints supplied by customer; white gum plywood, 35 cents per piece (\$50 cents with mahogany backing).

Greg Frye Weaver, 1105 Florida N.E., Albuquerque, NM 87110; tel. (505) 265-2719; multilayered pictures formed of interlocking pieces of various fine woods; \$12-\$1,100 per puzzle.



At left, a detail from "Carousel," a bi-level Stave puzzle. At right, "A Midsummer Night's Dream." Note the arrow through Titania's heart.

rare satisfaction of owning finely hand-crafted, custom-cut works of art. Puzzles like these are not just idle pastimes; they are precious family heirlooms.

The most successful and well-known maker of wooden jigsaw puzzles in the United States today is Steve Richardson, a fortyish-looking man of fiftysomething with an easy grin and a flair for promotion. His company is Stave Puzzles of Norwich, Vermont, which he co-founded in 1974 and now owns outright.

Stave puzzles are expensive, beauti-

ful, sometimes brilliantly imaginative, and often extraordinarily difficult. Jigsaw puzzle historian Anne D. Williams, the author of *Jigsaw Puzzles: An Illustrated History and Price Guide* (Wallace-Homestead, 1990), tells me that "what makes Richardson's puzzles good" is that he "collaborates with artists who understand how puzzles work and who design art that interacts well with the cutting."

Though many Stave puzzles are stunningly beautiful, it is Richardson's con-

viction that a puzzle is first, foremost, and forever a puzzle. He pursues this mission with frightening zeal.

Jigsaw puzzles have been around for about 225 years, and in that time there have been many of monumental difficulty. But this Torquemada of the jigsaw has outdone them all. To begin with, he and his creative staff fully exploit all the tricks and traps that have evolved in two-and-a-quarter centuries of puzzlemaking and that are now practically *de rigueur* in hand-crafted puzzles: cuts along color lines, irregular borders, two-piece corners, internal false corners and edge pieces, and others (see sidebar, page 13).

But Richardson, figuring that experienced solvers already knew all that and were ready for fresh challenges, introduced whole new magnitudes of difficulty with his "second generation" and "third generation" puzzles.

A second generation puzzle is based on an original work of art commissioned by Richardson as an element of an overall puzzle concept. In addition to all the above-mentioned nastiness, a 2G puzzle is built on two "decks," which adds a third dimension (height) to the usual length and width and raises the difficulty level a couple of notches. Masochists who buy these puzzles are also treated to "sculpting" (missing slivers of wood that prevent some pieces from fitting together precisely) and "drop-outs" (spaces for which there are no pieces), exquisite cruelties akin to throwing a picture of a pastrami sandwich to a starving man.

Stave's double-decker puzzles are not only extra difficult, they're extra subtle in their artistry. In "A Midsummer Night's Dream," Stave's magnificent interpretation of the Shakespeare comedy, Titania is seen sleeping. In the play, Oberon squeezes the juice of a flower on her eyelids to make her fall in love with the first

creature she sees when she wakes. In the puzzle, this idea is conveyed by an arrow piercing her heart. But it isn't in the picture; the heart pierced by an arrow is a puzzle piece that fits into the picture of the sleeping girl's breast. This interaction of picture and puzzle piece has been done before, but rarely so elegantly.

With his third generation puzzles Richardson has outdone even himself: The idea here is that the pieces can be put together in many ways, only one of which is correct—and of course you don't realize you've been doing it wrong until you've been doing it wrong for long. One 3G puzzle can be put together in 64 ways—or rather, it can't be put together in 63 ways.

In Stave's newest 3G puzzle, "Magic Wreath," the 150 pieces fit together one way to make a lovely holiday wreath, and another way to make a tree. "Be prepared," Richardson says in his announcement, "to struggle and suffer!"

Richardson's catalogs and mailing pieces are filled with such comments: "I especially love hearing your screams of agony as you slave over our beautiful little pieces of wood." "We will not give you any hints for fear of minimizing your agony." "Our goal is to maximize your agony with the minimum number of pieces." What a guy.

Actually, Stave has two kinds of customers. One kind, the majority, is made up of people who simply love beautifully crafted, expensive, rather difficult wooden puzzles that they can have personalized to give as special gifts or to add to their collections. Richardson behaves humanely toward them. The other group consists of a few dozen hard-core devotees who dare him to create ever more diabolical challenges. Richardson is always ready to accept that dare; it is, in fact, what he lives for. When he realized that some clever solvers could "cheat" by using the wood grain on the back of the puzzle as a clue, he vowed to stop them. It took months, he told me, but in his latest 3G puzzles, "I found a way to take that away from them."

Although Richardson sincerely delights in tormenting his customers, he never forgets that inflicting his particular brand of torture is good for business.



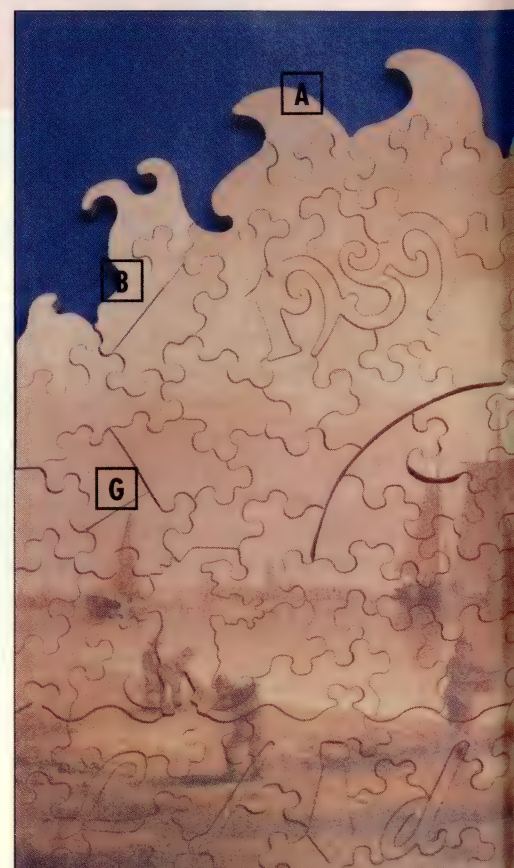
Jim Ayer designs a cutting pattern on his computer (top), then watches his water jet do the actual cutting (center and bottom).



JOHN E. FOGEL (4)



J.C. Ayer's "The Elephant and the Mouse."



There's no arguing with success. Stave Puzzles occupies its own building and employs 12 people full-time, six to eight of them puzzle cutters. Richardson himself, who used to cut, now prefers cooking up new kinds of oil to boil his customers in and finding ways to foil their attempts to outsmart him. He's currently working on ideas for fourth generation puzzles. It makes one shudder.

Stave puzzles, however complex and sophisticated they may be, are but the culmination of more than two centuries of puzzlemaking.

Jigsaw puzzles were born in London in 1762, starting life not as puzzles but as geography lessons. One day, a young printmaker named John Spilsbury chose a map of Europe from his inventory of prints, mounted it on a hardwood board, cut it into pieces along country borders, and sold it as an educational toy, "in order to facilitate the Teaching of Geography."

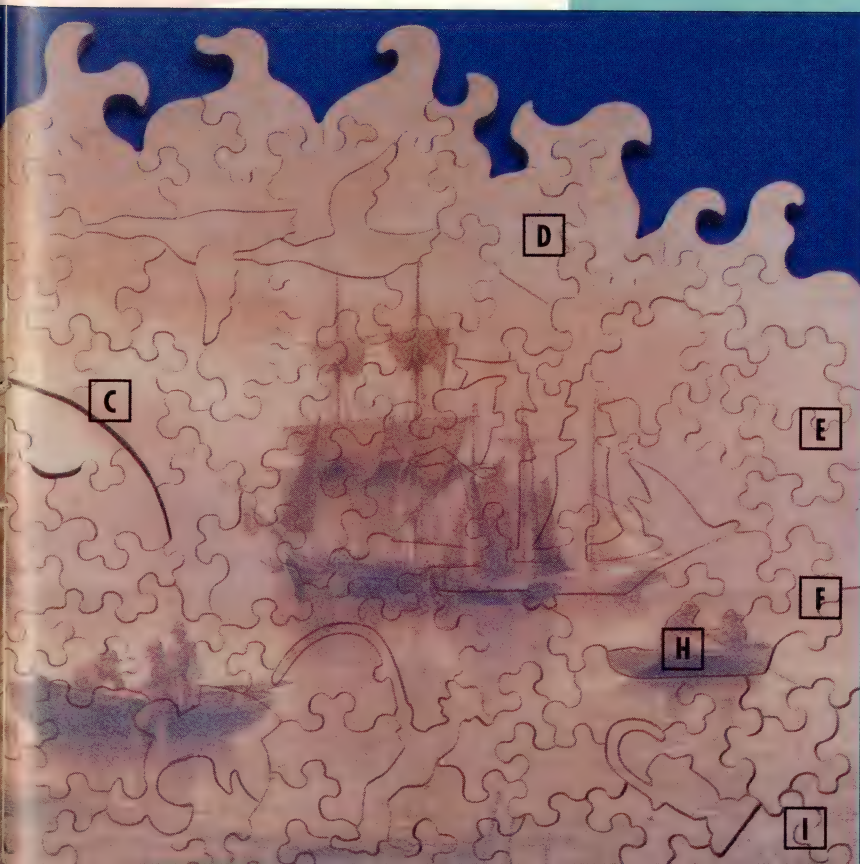
Spilsbury's new toy, which he called a "dissected map," caught on. Mapmakers and printers dissected maps, nursery-rhyme scenes, and biblical and historical subjects as teaching aids for the next hundred years.

The dissected puzzle began to be produced in America in the early to mid-

THE UNKINDEST CUTS OF ALL



The puzzle below, created by Stave, contains examples of the deceptive tricks and traps that most quality puzzlemakers use. As an added difficulty, you usually don't get a picture of the completed puzzle to guide you while solving.



A. IRREGULAR BORDER The straight rectangular borders of traditional jigsaw puzzles make it easy to get started on the solution. Solving is much tougher when you don't know the shape of the outline.

B. FAKE BORDER You will probably assume that a piece with a straight edge is a border piece. An interior straight-edge is intended to lead you to making precisely that wrong assumption.

C. SCULPTING The cutter removes slivers of wood both for artistic effect and deception. Because the pieces don't fit together precisely, you may be misled into thinking that they don't fit together at all.

D. PHONY CORNER A corner piece goes in the corner, right? In a Stave puzzle, sometimes a corner is not a corner.

E. WHAMMY This is Stave's term for a place where border pieces don't interlock, as they do in traditional puzzles. This is supposed to make you think they aren't border pieces.

F. DOUBLE WHAMMY Two border pieces that not only don't interlock but also look like corner pieces.

G. TRIPLE WHAMMY The combination of a phony interior corner with a double whammy.

H. COLOR-LINE CUTTING Separating pieces from one another by cutting along their color lines makes it hard to figure out that they fit together, especially when you don't have a picture of the finished puzzle to refer to.

I. SPLIT CORNER Fake corner pieces are placed inside the puzzle, while the real corners are made of two regular pieces that don't look like corners.



19th century. After the Civil War, new companies such as Milton Bradley, Selchow and Righter, and Parker Brothers, recognizing the potential of these puzzles as both education and entertainment, made sure to cut themselves large portions of the growing market.

As demand increased, hardwood was replaced by softer woods that could be cut more quickly, and then by cardboard, which was both cheaper and easier to cut. By 1900, the development of plywood and the invention of the jigsaw enabled puzzlemakers to cut patterns intricate enough to interest adults. That set the stage for the great jigsaw puzzle booms of the 20th century.

Jigsaw puzzles were, as Anne D. Williams puts it, "the Trivial Pursuit of 1909." Parker Brothers' fine "Pastime Puzzles" were so popular that year that the company had to suspend production of all other products, and hired 200 women to do nothing but cut puzzles.

Though the craze subsided after a few years, jigsaw puzzles remained extremely popular. Then came the Depression and another jigsaw craze. This one was fueled by the cheap mass-produced die-cut cardboard puzzle, which became an industry in itself.

But the hand-crafted wooden puzzle lived on. In 1932, Frank Ware and John Henriques founded Par Puzzles Ltd. Using family connections to reach a wealthy clientele, they delivered the kind of puzzles that only real money could buy: elegant silk-screened prints of master paintings mounted on mahogany-backed plywood; puzzle designs and specially cut pieces tailored to the customer; superb craftsmanship wedded to a brilliant appreciation of what makes a jigsaw puzzle challenging.

Henriques died in 1972, and when Ware retired in 1974 he closed the shop in New York City and turned over the Par tools and materials to Arthur Gallagher, who had been their apprentice. After a few years, Gallagher retired and turned everything over to his own apprentice, John Madden, who still cuts a

few puzzles a year under the Par name.

The end of the Par era segued quite nicely into the advent of the Stave era. In 1974, Steve Richardson and his friend Dave Tibbetts, operating a company called Stave (Steve + Dave), were custom-designing games and puzzles when a long-time Par customer asked them to make a wooden jigsaw puzzle as a present for his wife. Par was going out of business, he said, because the owners were retiring.

Stave had never cut a wooden jigsaw puzzle before, but when the man said he'd pay \$300, Richardson agreed, and set about learning his new craft. Tibbetts later left the company, and Steve Richardson entered jigsaw history alone.

Stave and most other modern craftsmen make their puzzles not much differently from the way John Spilsbury made his. Of course, now they use plywood

and jigsaws and electricity, but still they craft their puzzles by hand, one at a time.

And Milton Bradley, Springbok, and others are still guillotining their thousands of cardboard puzzles per day with steel blades embedded in wooden forms, pretty much the way they or their predecessors have been stamping them out for half a century.

J.C. Ayer, a mechanical engineer from Salem, Massachusetts, had a different idea. One day a few years ago, while admiring a Stave work, but not its price tag, he wondered if he could use his training to make intricate wooden puzzles like that, but faster and cheaper.

"Stave makes really elegant puzzles," Ayer says. "But it bothered me that they were so expensive. I could understand why. They are made by maneuvering a piece of wood against a moving blade; one mistake and you have to throw out that expensive piece of wood and start over. It's too unforgiving a craft, too labor-intensive. I started looking for other methods."

After experimenting with lasers ("ch a r s t h e

wood") and diamond blades ("very, very slow"), Ayer opted for a combination of water and computer science.

Ayer begins by drawing a jigsaw-type cutting pattern with his computer, using a program he designed for that purpose. The pattern is then stored in the computer's memory and used again and again—one of the economies achieved by Ayer's method.

A slab of plywood, with a picture glued onto it, lies on a platform, positioned under a diamond nozzle. The platform, controlled by the computer via a mechanical hookup, is then rapidly maneuvered under the nozzle along two axes, separately and simultaneously, precisely reproducing the cutting pattern. Meanwhile, water is forced through the stationary nozzle at more than 2,000 miles per hour, exerting a pressure of 55,000 pounds per square inch and making a cut only seven one-thousands of an inch wide. "My assembled pieces fit so well," Ayer says with pride, "they can be picked up by one corner and waved like a tapestry."

Ayer's system is not perfect. For one thing, since he creates his cutting pattern on the computer and not on the puzzle itself, it's hard to relate the cutting pattern to the picture. Also, water is wet. So Ayer had to engineer a way to dry his puzzles before they became water-logged. He's now arranged things so that while one puzzle is drying, a process that takes about two hours, his water jet is cutting another one.

Jim Ayer has demonstrated that computers and jigsaw puzzlemaking are at least compatible, though only time will tell whether this marriage of old-world craft and space-age technology is built on water or solid ground.

For now, most craftsmen prefer to make art with their hands. Like Steve Richardson, who sits in his workroom moving puzzle pieces around, concocting Machiavellian schemes and dreaming malevolent dreams. "It is my ambition," he says darkly, "to create the unsolvable jigsaw puzzle."

Burt Hochberg, the Games & Books Editor of GAMES, is still waiting for Stave to send him an \$8,000 puzzle.



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**Plus my state sales tax and \$.50 for shipping and handling.*

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The playing board itself is a work of art, with corners embellished with 24 karat gold. And two drawers in which to store the playing pieces.

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SET. A dazzling work of art to
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Tutankhamun



The playing board
measures 29" long,
17" wide and 3 1/2" high.

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THE TREASURES OF TUTANKHAMUN BACKGAMMON SET



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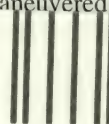
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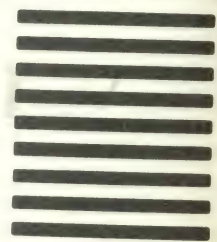
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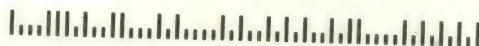


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J.C. AYER

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Drawers on both ends of the playing board protect the pieces.

The playing board measures 29" long, 17" wide and 3½" high.

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The playing board itself is a work of art, with corners embellished with 24 karat gold. And two drawers in which to store the playing pieces.

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Playing pieces shown approximately actual size of 27mm.

Anubis the Dog



Imperial Cat



Falcon



Tutankhamun



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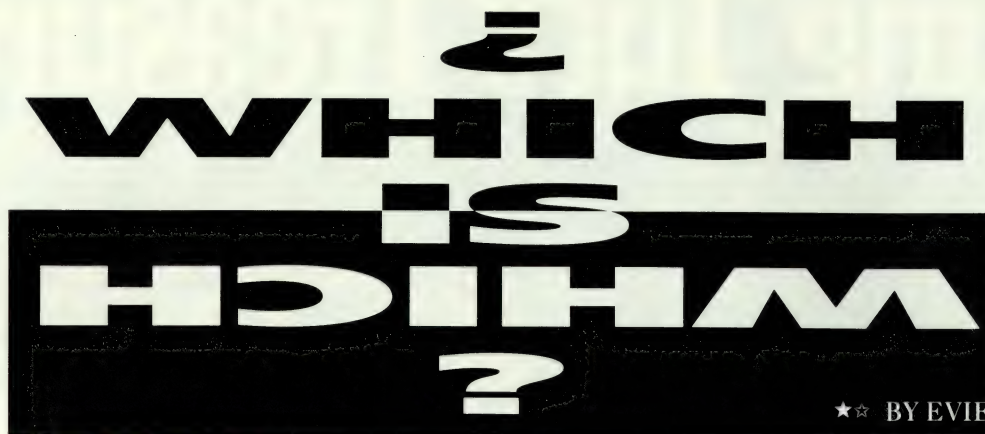
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THE TREASURES OF TUTANKHAMUN BACKGAMMON SET



. . . & Hardy

1. Laurel. . .

★ ★ BY EVIE EYSENBURG

Amos and Andy. Kate and Allie. Daryl Hall and John Oates. Heather Thomas and Heather Locklear. All are well-known pairs—and you'll probably recognize all the pairs we show below. But do you remember, for example, which is Starsky and which is Hutch? Dynamic solvers will be able to identify 10 duos; get all 14 right, and you're a doubles champ.

ANSWERS, PAGE 58



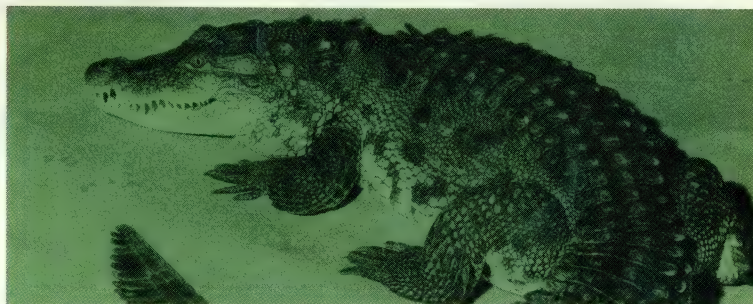
2. MacNeil & Lehrer



3. Cagney & Lacey



5. Alligator & Crocodile



4. Chinese & Japanese



スーパーミドル級タイ

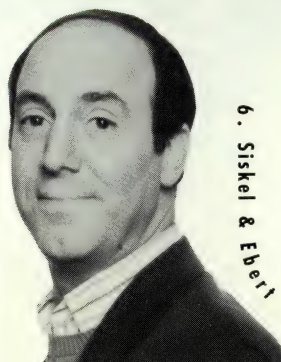
レナードが連続

長提前退休
由劉百安暫代

潘朗及其他移民官員稱，六四天安門鎮壓事件，加速來自中國的偷渡浪潮。

【本報洛杉磯訊】資料顯示，持假文憑企圖闖關入境，或經由美墨邊界走私來美的中國大陸人士，不斷增加，移民局相當重視，並在調查有無走私集團在幕後操縱。

美西華人



6. Siskel & Ebert





7. Vivien Leigh & Janet Leigh



11. New Hampshire & Vermont



8. Bert & Ernie



12. Abbott



&

Costello



13. Zsa Zsa



& Eva Gabor



9. BIG MAC



& WHOPPER



10. Manet & Monet



14. Starsky & Hutch



LOVE CODES



He's young, he's handsome, he loves you, he's SINGLE! ♥ But would you marry a man who wears purple shirts and reads mystery stories? Maybe you would, if you knew that purple connotes depth and sensitivity.

But maybe you wouldn't if you knew that people who read mystery stories like to keep secrets. ♥ From the food in his fridge to the rings on his fingers, everything he wears, says, and does sends you signals that say a lot about him—if you know how to interpret them. So say psychologists Elaine Kahn and David Rudnitsky in their recent book *Love Codes: How to Decipher Men's Secret Signals About Romance*. ♥ Just for fun, we've made up a little quiz based on some of the material in the book. Will taking this quiz (or reading the book) help you make one of the most important decisions of your life? Who knows? But look at it this way: If the man you've got your eye on knows you're doing it, maybe it'll send him a helpful signal. ANSWERS, PAGE 58

1. A man who kisses with his eyes closed
 - a. tends to be romantic and jumps quickly into relationships
 - b. is guarded, cautious, and reticent about expressing emotions
 - c. is the kind of man who seeks to control the relationship
 - d. may be asleep
2. A man who wears bikini bathing suits
 - a. values hard work and down-to-earth women
 - b. may be a hot date but is probably a poor long-term prospect
 - c. is more than a little opinionated
 - d. can recommend a good suntan lotion
3. A single man whose bathroom medicine cabinet is full of personal grooming items
 - a. may be weak and wishy-washy and easily felled by misfortune
 - b. tends to suppress his emotions
 - c. is the first to "make up" after an argument
 - d. probably borrowed them from other girlfriends
4. You should never judge a book by its cover, but it's OK to judge a man by his book covers—whether they're hard or soft, that is. A man who collects paperbacks is
 - a. highly critical and will dismiss a woman he judges frivolous
 - b. practical rather than philosophical
 - c. rather stuffy
 - d. trying to insulate his apartment cheaply
5. A man who cultivates ___ in his home prefers to keep the world at arm's length and will never ask for nor give much emotional support.
 - a. art
 - b. cacti
 - c. cooking skills
 - d. shower mold
6. A cautious man who evaluates everything carefully before making an important decision, but pursues his goal relentlessly once he's made up his mind, is likely to ask you to ___ on your first date.
 - a. go out for drinks
 - b. come to his house for dinner
 - c. go dancing
 - d. run away and get hitched

7. When it comes to movies, the solid, unpretentious, strong-willed, traditional man would choose to see ____.

- a. a horror flick
- b. a Western
- c. a Disney animated feature
- d. a Bette Davis movie

8. Let us not forget body language, a pop psychology fad of an earlier generation. A man who is likely to listen politely to your opinions and then do exactly as he pleases

- a. sits with both feet planted firmly on the ground
- b. leans forward on the edge of his seat
- c. reclines with his legs stretched out
- d. wraps his legs behind his head while he chants his mantra

9. According to the authors, the man who compulsively plays games, whether board games, video games, or computer games,

- a. is highly competitive and apt to succeed in business
- b. is a loner and apt to succeed in business
- c. is wealthy enough to stay home and play games instead of going to work
- d. finds it hard to express his feelings because his emotional development was arrested in childhood

10. The colors a man habitually wears can be deeply significant. Match the color of his clothes (i-vi) to what it reveals about him (a-f). One of the matches (which one?) is not from the book.

- a. This man is sensual and just enough of an outlaw for the right woman to find very exciting. He may, however, be subject to dark moods, so be prepared for the moments when he becomes inaccessible.
- b. This guy is flashy, aggressive, and exciting to be with. He constantly seeks new sources of stimulation and is very passionate toward women.
- c. This man has good intentions and a respect for humanity. He abides by his promises and you can feel confident that he will keep his commitments to you.
- d. This fellow can be sensuous, in an earthy kind of way. Usually he's got both feet planted on the ground and enjoys the outdoors.
- e. This man is fundamentally at peace with himself. He's easy to relax and share good times with.

f. Contrary to popular opinion, this man's taste for wearing two colors at the same time does not signal indecisiveness, but rather a tendency toward bigamy. This is a favorable sign, since it doubles your chances of marrying him.

i. Black ii. Yellow iii. Brown iv. Pink and green polka-dots v. Blue vi. Red

11. The kind of music a man likes also says a lot about him. Match the characteristics of the men (a-f) to the music they like to listen to (i-vi).

- a. He expects perfection, but when he sees what he likes, his enthusiasm is boundless. If you can tolerate a certain rigidity of thought, this man can offer you tremendous rewards.
- b. This man expects to be more energetic and freer in his lifestyle than most men. He can be a tad hedonistic, though.
- c. In a relationship, he tends to be a bit overly emotional and prone to dramatic bursts of feeling, but it is all in the interest of staving off the familiar and the boring.
- d. He is melancholy, but not cynical, about love and is willing to take emotional risks, even if there is a chance of being rejected.
- e. He holds the rather romantic notion that love with the right person will solve just about all of life's problems.
- f. This man loves the freedom of the open sea, and likes to hold his breath while listening to music, but has an unusual taste for plankton—tons of plankton.

i. Rock ii. Opera iii. Songs of humpback whales
iv. Top 40 v. Blues vi. Show tunes

12. Imagine that you would like to marry a man with conventional sensibilities who thinks a wife and family are the most important things in life. Put a check beside each statement below that you think you would apply to such a man.

- a. On a date, he prefers to take you to a private place for quiet conversation.
- b. During your date, he constantly fidgets with his wedding ring.
- c. He asks you to make all the arrangements.
- d. His favorite attire is an impeccable designer suit.
- e. In a delicate situation, he rigidly adheres to all the rules.
- f. When you try to kiss him good-night on the first date, he declines, saying he doesn't want you to think he's "easy."

COLOR CROSSWORD

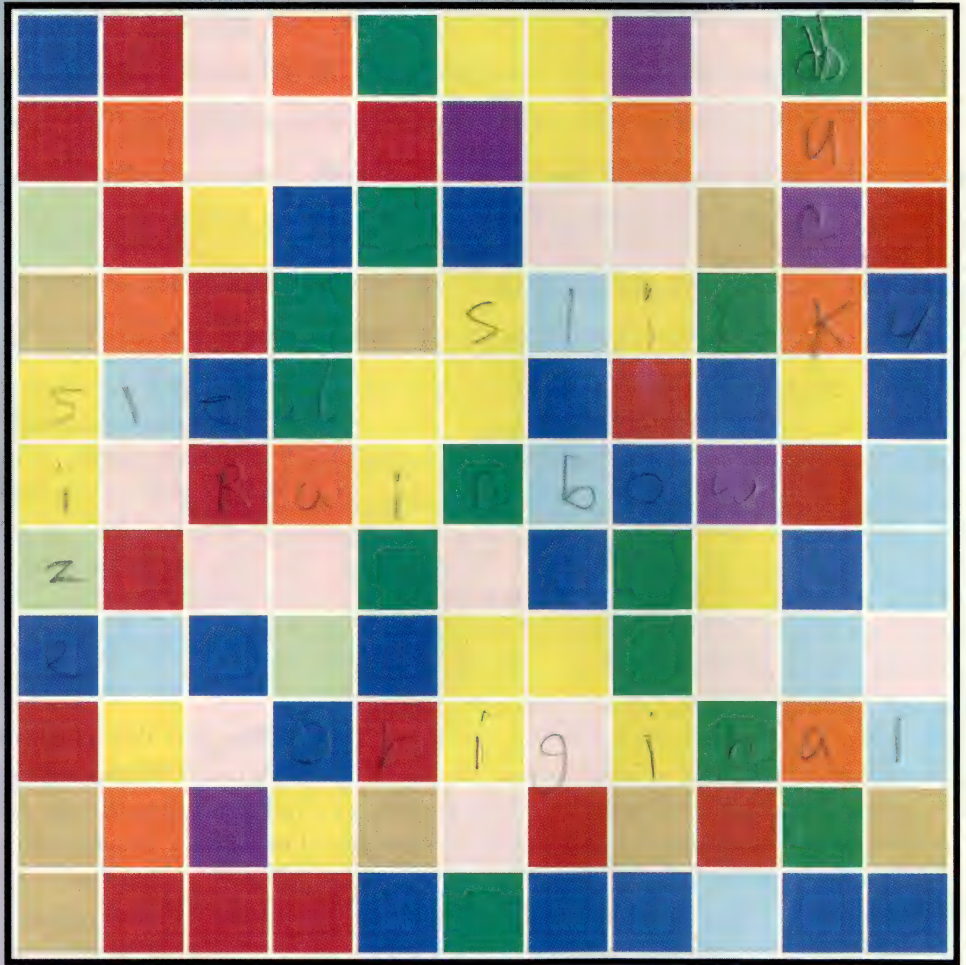
★★

by peter gordon















Who says crossword puzzles aren't colorful? In this one, every letter and black square has been replaced by a color, according to the chart below. Thus, if the word **WORD** were in the grid, it would appear as violet-blue-red-green. Black squares can be represented by any of the four colors that appear above them in the chart. When the puzzle is correctly completed, the black squares will be arranged symmetrically (that is, the grid will look the same upside-down as right-side-up). Clues are provided, but not in their regular order. **ANSWERS, PAGE 57**

CLUES

Autograph
Breakfast item (2 wds.)
Child's toy that "walks"
down stairs
Children ride them down
snowy hills
Clothes buyer's concern
Colorful arc in the sky
Daffy or Donald,
for example
Decorates a cake
Dodge, as the draft
Elegant, as a ship's quarters
Evening TV fare
Fibber
Ford flop
Gift-giving wise men
Greenish blue
Living being
1975 shark horror film
Not urban
Outline for a meeting
Philadelphia basketballer,
for short
Runs away to wed
Scream
Shakespeare's theater
Strange happening
Therefore
Wax maker that lives in a hive
What a copy is made from



COLOR CHART

									
A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T
U	V	W	X	Y	Z				

BASED ON A PUZZLE BY DR. KENNETH MILLER IN WOMAN MAGAZINE (LONDON

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Five Young Cannibals The Raw And The Cooked (Epic)	01088
CHER Heart Of Stone (Geffen)	42874
DEF LEPPARD Hysteria (Mercury)	00927
HOROWITZ PLAYS MOZART (Decca)	15438 *
THE JUDDS River Of Time (Capitol)	01027
DORSEY/SINATRA All-Time Greatest Hits, Vol. 1 (Capitol)	24462 *
ELTON JOHN Sleeping With The Past (MCA Records)	10469
TANYA TUCKER Greatest Hits (Capitol)	53968

TOM PETTY Full Moon Fever (A&M)	33911
TRAVELING WILBURYS Volume One (Capitol)	00711
EXPOSE What You Don't Know (Arista)	00937
JETHRO TULL Rock Island (Chrysalis)	73301
DON HENLEY The End Of The Innocence (Capitol)	01064
TINA TURNER Foreign Affair (Capitol)	32900
JAMES GALWAY Greatest Hits (Capitol)	73233
GUNS N' ROSES GN'R Lies (Geffen)	00805

JANET JACKSON • Rhythm Nation 1814	72386
MOTLEY CRUE • Dr. Feelgood	33928
TEARS FOR FEARS • The Seeds Of Love	33653
RANDY TRAVIS • No Holdin' Back	34766
WHITESNAKE • Slip Of The Tongue	01147
RICHARD MARX • Repeat Offender	01118
BELINDA CARLISLE • Runaway Horses	73667
ERIC CLAPTON • Journeyman	53940
CLINT BLACK • Killin' Time	01112
PAULA ABDUL • Forever Your Girl	00933
LINDA RONSTADT • Cry Like A Rainstorm...	52221
D.J. Jazzy Jeff/Fresh Prince... And In This Corner	01020
GRATEFUL DEAD • Built To Last	72230
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Tracy Chapman
Crossroads
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ANNE MURRAY Greatest Hits, Vol. 2 (Capitol)	33332
Ziggy Marley & The Melody Makers: One Bright Day (Capitol)	54093
PAT BENATAR Best Shots (Chrysalis)	44319
BON JOVI New Jersey (Mercury)	00516

DWIGHT YOKAM Just Lookin' For A Hit (Mercury)	74052
KISS Hot In The Shade (Mercury)	53475
BEACH BOYS Still Cruisin' (Recent Hits) (Capitol)	44379
RAFFI In Concert (Scepter)	54361 *
Salute To Hollywood Williams/Boston Pops (Philips DE)	15430 *
HIGHWAY 101 Paint The Town (Warner Bros. DE)	14820
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Great Love Songs Of The '50s & '60s (A&M)	20768



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Pump
63678



Milli Vanilli
Girl You Know It's True
01048

STEVIE NICKS Other Side Of The Mirror (Mercury)	70946
FLEETWOOD MAC Greatest Hits (Mercury)	00796
POCO Legacy (Capitol)	54060 *
KENNY ROGERS Something Inside So Strong (Mercury)	82493
THE DOOBIE BROTHERS Cycles (Capitol)	73187
The Duke Ellington Orch. Digital Duke (Capitol)	63356

John Cougar Mellencamp Big Daddy (Mercury)	80064
THE CURE Disintegration (Capitol)	01109
MAZE Featuring FRANKIE REVERDY: Sissy Soul (Mercury)	44397 *
SOLTI: Tchaikovsky 1812 Overture (London)	25179
K.T. OSLIN This Woman (Capitol)	00579
STARSHIP Love Among The Cannibals (Capitol)	44488

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No Further Obligation Whatsoever! It's all up to you! You buy what you want...when you want it. **Exciting "Members-Only" Benefits!** You'll receive the Club's exclusive magazine about every three weeks. It will feature the Main Selection in your favorite music category, plus hundreds of other hits—many at special bargain prices. In all, you'll have 19 convenient, shop-at-home opportunities a year. And as a member in good standing, you need not send money when you order...we'll bill you later. (A shipping/handling charge is added to each shipment.)

It's easy To Get Your Favorite Hits! If you want the Main Selection, do nothing. It will be sent to you automatically. If you want other selections, or none, just indicate your preference on the card always provided...and mail it back to us by the date specified. You'll always have at least 10 days to decide. But if you don't, you may return your Main Selection at our expense. You may cancel your membership whenever you wish upon completing your enrollment agreement by writing to us. Or, remain and keep on saving.

FREE 10-Day No-Risk Offer! Listen to your 4 introductory hits for a full 10 days. If not satisfied, return them with no further obligation. You risk nothing! So don't delay. Pick your hits, write their numbers on the card, and mail it today!

RETURN THIS COUPON...TODAY!

1
TAPE
PENNY
HERE

Mail to: BMG Music Service
P.O. Box 91001, Indianapolis, IN 46291

I enclose 1¢. Please accept my trial membership in the BMG Music Service and send me the 4 hits I have indicated here under the terms in this ad. I agree to buy just 1 more hit at regular Club prices in 1 year's time after which I can choose a 6th hit free! And, if I select compact discs, I also get to choose 2 extra CDs free. (A shipping and handling charge is added to each shipment.)

2 SEND MY SELECTIONS ON (check one only):
☐ COMPACT DISCS ** ☐ CASSETTES ☐ RECORDS *

3 I am most interested in the following type of music—but I am always free to choose from any category (check one only):
1 ☐ EASY LISTENING (Instrumental/Vocal Moods) 2 ☐ COUNTRY
3 ☐ HARD ROCK 4 ☐ POP/SOFT ROCK 5 ☐ CLASSICAL

4 RUSH ME THESE HITS NOW (indicate by number):
[] [] [] [] [] [] [] [] [] []

5 ☐ Mr. ☐ Mrs. ☐ Miss First Name Initial Last Name (PLEASE PRINT)

Address _____ Apt. _____
City _____ State _____ Zip _____

Telephone () _____ Area Code _____ U7K (AF)

Signature _____
6 Have you bought anything else by mail in
☐ last 6 months ☐ year ☐ never

*Members who select compact discs will be serviced by the BMG Compact Disc Club; current BMG CD Club members not eligible. Full membership details will follow with same 10-day, no-obligation privilege.

*Selections marked
(*) not available on record.
We reserve the right to request additional information or reject any application.
Limited to new members; continental U.S.A. only. One membership per family. Local taxes, if any, will be added.



Grand Prize

A trip to Graceland via UFO!
or \$250*

Five Runner-Up Prizes

A GAMES T-Shirt

ARTFUL HEADLINES

A few years ago we spotted this headline on one of those lurid supermarket tabloids:

MICHAEL JACKSON—
“WHY I LIVE IN FEAR OF
THE POLICE.”

But Jackson wasn't worried about the law. At the time he had the #1 album in the country, and the Police were threatening to knock him out of the top spot with their “Synchronicity” LP.

We've always admired creative headline writing like that, so we've built a contest around it. The object: Make up a lurid headline, like those on the *National Midnight Examiner* at right, but with a second meaning that's more plausible, less sensational, and not at all obvious to someone glancing at it on a newsstand.

For example, the “Roseanne” headline could be explained thus: “While visiting London for the British premiere of her hit film *She-Devil*, chunky superstar Roseanne Barr accidentally left a purse containing over \$500—the equivalent of 200 British pounds—in the famous department store Harrod's.”

For “Dead Woman”: “Elaine Jones of Coffin, Alaska, recently gave birth to a baby boy. Jones hails from the town of Dead, Missouri.”

And as for Bruce:
“After performing at Live Aid, Farm Aid, and other benefit concerts, Springsteen says he's tired of playing for charity.”

Rules Make up a headline in the style of those on the cover of a supermarket tabloid—the more outrageous, the better. Each headline, though, should be followed by a short and plausible explanation, preferably no longer than a sentence or two. Entries will be judged on the basis of creativity, originality, and humor. As always, the

judges' decision is final.

Entering Mail your headline and explanation, along with your name and address, to: **Artful Headlines, GAMES Magazine, 810 Seventh Ave., New York, NY 10019.** You may enter more than once, but be sure that each headline is on a separate sheet of paper that includes your name and address. Entries must be received no later than March 30, 1990.

—Gregg Siegel

*GAMES's choice.



ROSEANNE: BOB V. NOBLE / GLOBE PHOTOS; BRUCE: RALPH DOMINGUEZ / GLOBE PHOTOS

PENCILWISE



MARCHING BANDS ★★

BY MIKE SHENK

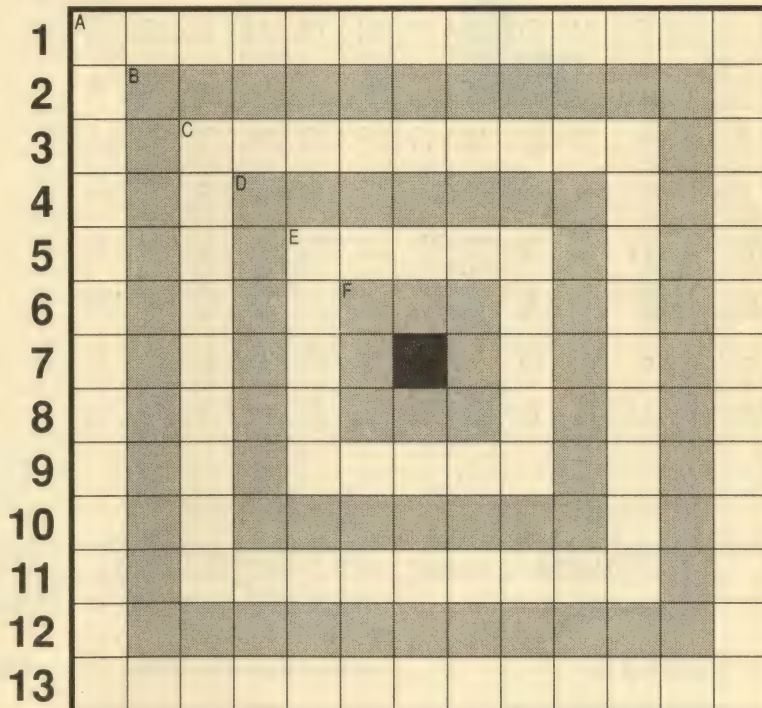
The words in this puzzle march around the grid in two ways. In one formation ("Rows"), words march across—two words for each numbered line, reading consecutively from left to right. The dividing point between these answers is for you to determine, except in row 7, where the words are separated by a black square. In the second formation ("Bands"), words march around each of the six shaded and unshaded bands, starting at the lettered squares (A, B, C, D, E, and F) and proceeding in a clockwise direction, one word after another.

For example, Band "A," when filled, will contain seven consecutive words (a through g) starting in square "A" and reading around the perimeter of the grid. Band "B" will contain a series of six words (a through f) starting in square "B." Again, the dividing points between these answers are for you to determine. All clues are given in order. When the puzzle is completed, each square in the grid will have been used once in a Row word and once in a Band word.

ANSWER, PAGE 60

ROWS

- 1 a Follower of Jason
b Silver or Trigger
- 2 a Like zebras and tigers
b *The Man With the Golden Arm* novelist
- 3 a They sell abroad
b Make sound
- 4 a Arthur Marx's acting name
b Smart folks
- 5 a Grassy area
b They may be pierced
- 6 a Itch
b Adam Smith, for one
- 7 a Break taker
b Gracefully thin
- 8 a Yearning
b Extreme conservative
- 9 a Trebek or Sajak
b Searched (out)
- 10 a Outside players in basketball
b Plentifully supplied
- 11 a Out of bed
b Anopheles mosquitoes transmit it



BANDS

- 12 a Bowling alley button
b Not by sea, as a route
- 13 a Sidestep questions
b *Marty* star Ernest
- A a Light bulb gas
b Children's classic card game
c Signed up
- d Working anesthesiologically
e Dressed like a judge
f Found the means?
g Advertises heavily
- B a Having three feet
b "I am the ___!": Ali
c Of the back of the eye
d Take a second ballot
e Blood fluid
f Hearing deterrent
- C a O. Henry's real name
b Home of the Mets
c Two-sided, as discussions
d He can't remember
e Lumps for coffee drinkers
- D a Obeying Miss Manners
b City of seven hills
c Aides
d Author of *An American Tragedy*
- E a Sweetheart
b One with a sweetheart
c Man with a whistle
F a Mull over

A Literal Word Search

How well do you follow directions? Every word in the list below is entered in the word search exactly as the word suggests. For example, HORIZONTALLY will be found horizontally in the grid, and IN TWO PIECES will be found, yes, in two pieces. All

words appear in straight lines except where the words indicate otherwise (such as SPIRALING). Trust the word list and your direction will be clear.

ANSWER, PAGE 59

A G W R A C R O S S O N D I T V R E N R
 U N D E R A C R O S S S I E N O E L I V O
 T I E D R A W K C A B W H G I R A N I C
 U K L E F T T O R I G H T R W T L E N E
 R A D E T F E L G N I D A E H I S Z S H
 N M D L L H O L P S L M N O R C H E A T
 S I R F I N D D I R A T G O H A A P E D
 D R A W T S E W E G R I L K E L A O T N
 T H W T I N S G I G N I E E N L P T T U
 Y H P I U S C E N T E R E D W Y U O N O
 O L U R L R E I W D H I S N L O G T M R
 T Y L L A T N O Z I R O H E S O N M U A
 L M U A G C D H W H E A U R E A I O L T
 W G N Z N P I E S G P Q H T L T O T O R
 A N D I I O N A G E I S I S E N G T C I
 W H R E S G G A D L A N A T V N D O A G
 I R C D I E Z A B C T I G O N W E B N H
 A E N R R E M O I O E S R E V E R N I T
 S V I A E M N E G D E E H T G N O L A G

ACROSS	CROOKED	IN TWO PIECES	UNDER "ACROSS"
ALONG THE EDGE	DESCENDING	LEFT TO RIGHT	UPWARD
AROUND THE	DIAGONALLY	L-SHAPED	VERTICALLY
CORNER	GOING UP	MAKING A U-TURN	V-SHAPED
ASLANT	HEADING LEFT	MEANDERINGLY	WESTWARD
AT RIGHT	HORIZONTALLY	OBLIQUELY	WINDING
BACKWARD	IN A COLUMN	RISING	WITHOUT END
BOTTOM TO TOP	IN A RIGHT ANGLE	SPIRALING	ZIGZAGGING
CENTERED	IN REVERSE	TURNING	Z-SHAPED

RIDDLE ME THIS ★

BY BRIAN PRICE

When the puzzle grid is filled in, the letters in the shaded circles, reading from left to right line by line starting at the

top, will spell the answer to the riddle at 20-, 37-, and 49-Across.

ANSWER, PAGE 60

ACROSS

- 1 "We Three Kings" kings
- 5 Shoestring
- 9 Mythical monster
- 13 Eager
- 14 ____ Called Wanda: 2 wds.
- 16 Buffoon
- 17 Medicinal amount
- 18 "____ fast!" ("Hold on!"): 2 wds.
- 19 Unmitigated nerve
- 20 Part 1 of the riddle: 5 wds.
- 23 Steaming
- 24 Small amount, as of ointment
- 25 ____ -one (golf feat)
- 29 Chief Norse god
- 31 "____ now, brown cow?"
- 34 Wise old saying
- 35 Now and ____
- 36 Inventor Whitney
- 37 Part 2 of the riddle: 4 wds.
- 41 Play on words
- 42 Owl's sound
- 43 Creepy
- 44 Surgery sites: Abbr.
- 45 Promising, as the future
- 46 Chalkboards
- 47 Rotating machine part
- 48 Old ____ (the sun)

- 49 Part 3 of the riddle: 2 wds.
- 57 Choir voice
- 58 Mr. Heep, of David Copperfield
- 59 Prepares to shoot
- 61 Public disorder
- 62 North Pole VIP
- 63 Old fogey
- 64 Old Mother Hubbard's quest
- 65 Borscht ingredient
- 66 Work units

DOWN

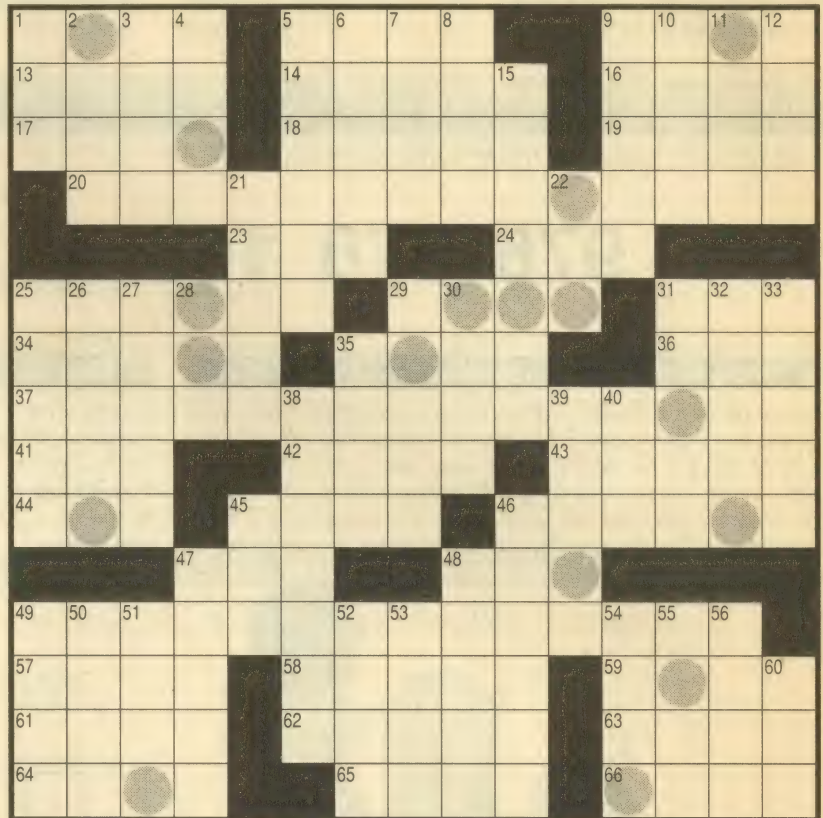
- 1 Crazy
- 2 Declare openly
- 3 Actress Lillian
- 4 Brainstorm
- 5 Michael of Highway to Heaven
- 6 Underway, as a Sherlock Holmes case
- 7 Metropolis
- 8 Old name for Exxon
- 9 Gift ____ (talkative knack): 2 wds.
- 10 Hockey score
- 11 "____ out the barrel"
- 12 Singer Fitzgerald
- 15 Famed escape artist
- 21 Burglar
- 22 Is able to
- 25 Silent Marx brother

- 26 Smell, in London
- 27 Common croquet sites
- 28 Freud's self
- 29 "Wow!": 2 wds.
- 30 What you're in when in the red
- 31 Valentine shape
- 32 Kukla, Fran, and ____

- 33 Slyness
- 35 New Mexico city
- 38 Geometric diamond
- 39 "I cannot ____ lie": 2 wds.
- 40 Aegean, for one
- 45 Scrap of clothing

- 46 "Who cares?": 2 wds.
- 47 Hundred dollar bill, in slang
- 48 Play ice hockey
- 49 Attire
- 50 Medley of things
- 51 Pour ____ (use all one's charm): 2 wds.

- 52 Saudi native
- 53 Movies: Sp.
- 54 Indy 500, for example
- 55 Fashion designer Christian
- 56 Los Angeles pollution problem
- 60 Avenues: Abbr.



CAPPING IT OFF ★

BY ANDREA CARLA MICHAELS

Here's a puzzle guaranteed to captivate you. The answer to each clue below is a word or phrase beginning with CAP. For example, the clue "Given to whims" would lead to the answer

CAPRICIOUS, while "Take a prisoner" would be CAPTURE. If you decide to capitulate, you'll find all the answers on page 58.

1. Graduation garb _____
2. Overturn, as a boat _____
3. Explanation under a picture _____
4. Zodiac goat _____
5. Loud toy pistol _____
6. Cold-pill shape _____
7. Strong cinnamon coffee _____
8. Juliet's family name _____
9. Domed D.C. building _____
10. Resort isle off Italy _____
11. Writer Truman _____
12. Mission to which the swallows return _____
13. Children's cereal brand _____
14. Tiny blood vessels _____

"If you want to get an idea about the inflation in Poland," writes our puzzle correspondent from Warsaw, "solve puzzle #2 below!" That was his way of introducing these four new

brain-ticklers. What's needed to solve them is a bit of "fresh thinking" of the sort that's now sweeping through Poland and the rest of eastern Europe.

ANSWERS, PAGE 57

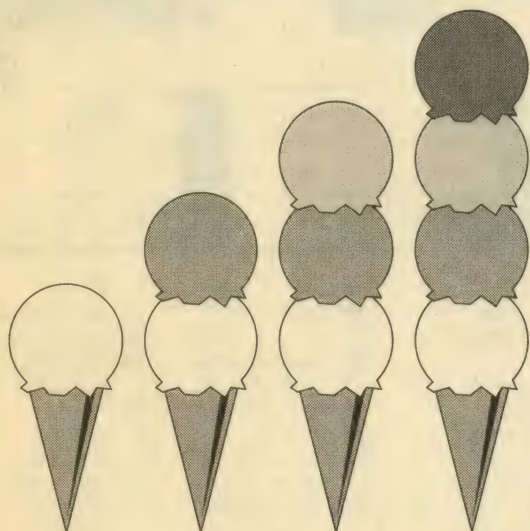
1. SERIES BUSINESS

What number comes next in this mathematical sequence?

976 378 168 48 32 _____

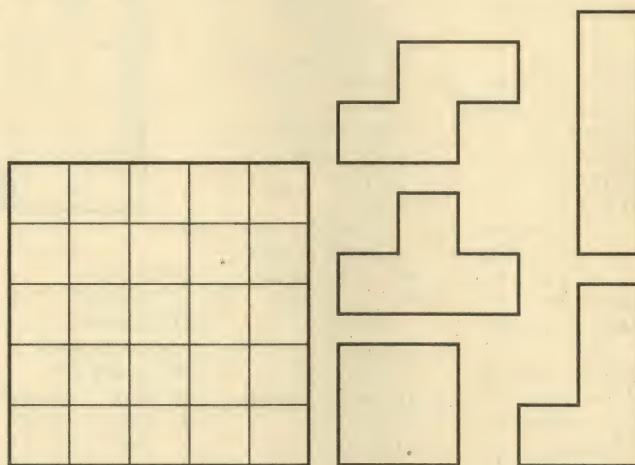
2. PRICE SCREAM, ICE CREAM

The price of ice cream in Poland has increased every year for the last eight years. Each year the price was equal to the sum of the prices from the previous two years. Two years ago, an ice cream cone cost 100 zlotys. How much does an ice cream cone cost this year? And how much was it eight years ago? (The price is always a whole number of zlotys.)



3. ON THE EDGE

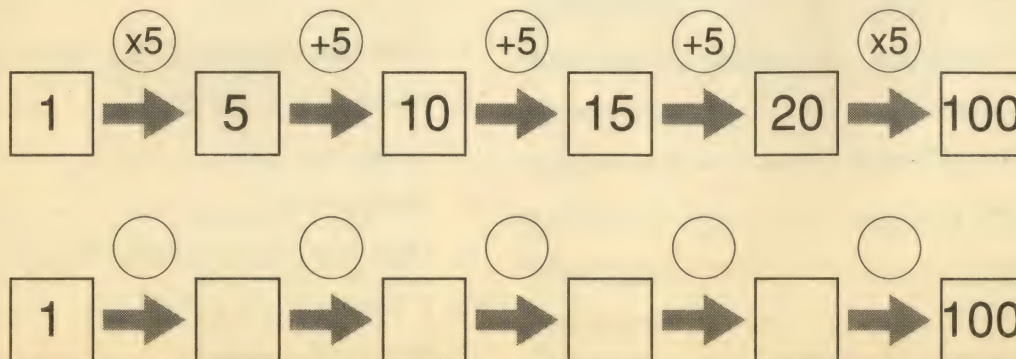
A tetromino is a shape made from four connected squares. On the right below are all five possible tetromino shapes. Fit them into the 5 x 5 grid without overlapping them so that the five leftover squares form a solid area not touching the edge of the grid. (You may rotate and reflect the tetrominoes as you wish.)



4. TWO WAYS TO A HUNDRED

Starting with 1, it is possible to multiply by or add 5 repeatedly to reach 100, as shown in the upper line here. Can you find another number that can be multiplied and added re-

peatedly in some order to reach 100 in the same number of steps? (All operations should be done in order from left to right.)



For the next 20 minutes we will be conducting a test. Remain calm and have a seat; this is *only* a test. A good score will not qualify you for a driver's license or get you into medical school. In fact, the test has no practical value at all. Read all directions

carefully, and work quickly. Do not spend too much time on any one part. If a question stumps you, move on to the next and return later if you have time. Pencil ready? Time noted? You may begin.

ANSWERS AND RATINGS, PAGE 59

PART 1

Count 2 points each. Maximum score: 30

Each word below contains a doubled letter. Change this to a new doubled letter to form a new word. Proper names are not allowed.

Ex. STUBBY STUFFY

- | | | |
|-----------------|------------------|------------------|
| 1. WILLOW _____ | 6. ODDISH _____ | 11. CHOOSE _____ |
| 2. ARREST _____ | 7. DAZZLE _____ | 12. ALLURE _____ |
| 3. BULLET _____ | 8. ACCORD _____ | 13. MISSAY _____ |
| 4. GRILLE _____ | 9. SUDDEN _____ | 14. ASSENT _____ |
| 5. COTTON _____ | 10. PREPPY _____ | 15. PUDDLE _____ |

PART 2

Score 4 points each. Maximum score: 24

Put the same three letters in the same order in each pair of blanks below to complete an 11-letter word.

Ex. UND E R G R O UND

- | | |
|--------------------------|--------------------------|
| 1. M U D S L _____ | 4. S T O M _____ E |
| 2. _____ H E _____ I C S | 5. _____ G O P _____ S T |
| 3. R H I _____ T O _____ | 6. S E V _____ E _____ H |

PART 3

Score 7 points for the correct answer

The first syllable in the name of a certain salad ingredient sounds like one of the letters of the alphabet. Change that syllable to the sound of a different letter and you get a new word meaning "burden" or "weigh down." Both words contain three syllables and eight letters. What are they?

PART 4

Count 3 points apiece. Maximum score: 30

Scramble the name of each country with the accompanying letters to form the name of another country.

Ex. LAOS + AIM SOMALIA

- | | |
|-----------------------|--------------------------|
| 1. SPAIN + AKT _____ | 6. SUDAN + HOR _____ |
| 2. INDIA + ENOS _____ | 7. MONACO + ER _____ |
| 3. MALTA + AEGU _____ | 8. MALI + BCOO _____ |
| 4. OMAN + GILO _____ | 9. NIGER + AANT _____ |
| 5. IRAN + DEL _____ | 10. ISRAEL + DNTWZ _____ |

PART 5

Give yourself 9 points for solving this one

What word—meaning "cleansed" or "imposed on another's generosity"—contains seven letters in reverse alphabetical order, with no letters repeated?

FUNNY VALENTINES ★★

The young men and women on these pages comprise eight couples, each exchanging Valentine gifts. Though their gift choices may seem odd, each captures the recipient's essence while still containing a hint of the giver as well. Of course, we'd never be so indiscreet as to match up the couples. We'll leave that to you. How to solve: In each case, change a single letter in the name of one of the men to get the name of one of the gifts held by one of the women (his sweet-

heart, it turns out). Then make the *same* letter change in the name of the gift *he's* holding to find the sweetheart's name. For example, by changing the R in RAY to an H, you get HAY, which is held by the young woman numbered 2. If you then change the R in the ROPE he's giving in return to an H, you discover her name, HOPE. Can you determine the names of the eight women, match them to their beaux, and see that they all get their correct gifts?

ANSWERS, PAGE 60



RAY



BILL



MATT



TIP



HANS



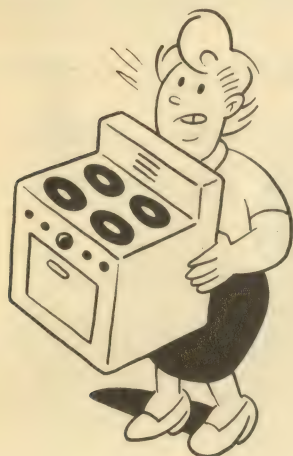
CHUCK



LYLE



STEVE



1. _____



3. _____



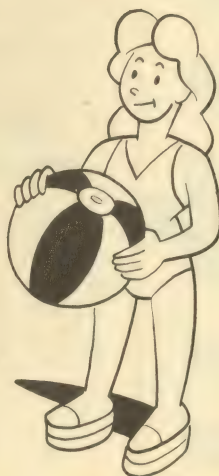
2. Hope _____



4. _____



5. _____



6. _____



7. _____



8. _____

Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple cipher alphabets. Letter substitutions remain constant throughout any one cipher, but change from

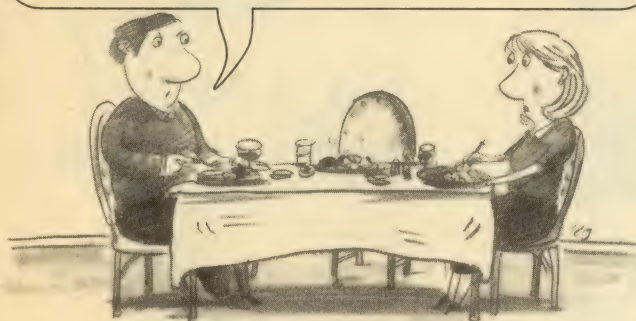
one cipher to the next, and the level of difficulty increases as you progress. An asterisk (*) indicates a proper noun or title.

Clues are given at the bottom of the page to provide assistance if you need it.

ANSWERS, PAGE 60

1. CRYPTOON

EQZE PRB'I XWE EWW
OZDM EWM I QY IRDXI
"SWG QY'I Z FWHHM XWWB
SYHHWT" TQYDYCYG R
IYDB QRO EW QRI GWWO.



2. HUM A FEW BARS

"OG RSDU XVAIDRUS
ADJOX KUSU UFUS
KSORRUC, OR KVDYT
VCYP WU YOJRUCUT RV
WP VRBUS XVAIDRUSJ."
—*AOXBLUY *XSOXBRVC

3. SHARP PLANNING

BVFHPY DRFLMRHQLCVCX
DLXQ JV ABQPDPIXQX;
QKVU ZPTV LX MACQU
QPDVX RX DLHK YVRN RX
QKVU NA VCRXVC.

4. TRICKS OF THE TRADE

HAKJU SKSWPEKTG
JWKRWP WKPZH FQRRQCZH
COO LAW ECCGH,
KTTCPJQZM LC RS
HKRWHFKZ HSWKGQZM COO
LAW PWTCPJ.

5. EAST MEETS WEST

MYOZG BCJEDMDCI FQEDS
*RDCMQS *AJMM INYEDSQC
CDBYCS AQBL OLQT NPP
BLD *ONWWYSQIB *RMNO.

6. PUH-LEASE!

QFOBLLS MIRR, FGYXOXSJ
LOXJXS FV FSXYFBXLS
GOFKXSJ LS KFVV, FPAP
ROXZSG, "KDL ROFYZG
*'OLJZO *OFMMXB'?"

7. LUCKY BREAK?

EGZC ECWZXFBKCV EISFBI
EBVKCV ECRFBYOFBI
EGIYOKBI, EIEOAN
ECSOGGN ECRFBIYERN
ECRFBVZFI EGLFOY
E-YEBC.

TIPS AND CLUES

Cipher 5: Ciphertext letters D and C, which appear often in this cryptogram, both separately and together in either order, are a good bet to represent E and R. You decide which is which.
Cipher 6: Two of the most common double-letter endings for four-letter words are LL and FF.
Cipher 7: The five vowels A, E, I, O, and U are represented by E, F, K, O, and Z, though not necessarily in that order.

Cipher 1: Ciphertext pattern EQZE is a good bet to represent plain-text THAT. Also, a single letter after an apostrophe is usually an S.
Cipher 2: Ciphertext U, appearing 13 times, nine times in the last or next-to-last position, is probably E. Bonus hint: Ciphertext R=T.
Cipher 3: Ciphertext X, which ends six words, represents plaintext S.
Cipher 4: Repeated three-letter word LAW is THE. Bonus hint: The 11th word does not have a vowel.

CRYPTIC CROSSWORDS ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

ANSWERS, PAGE 57

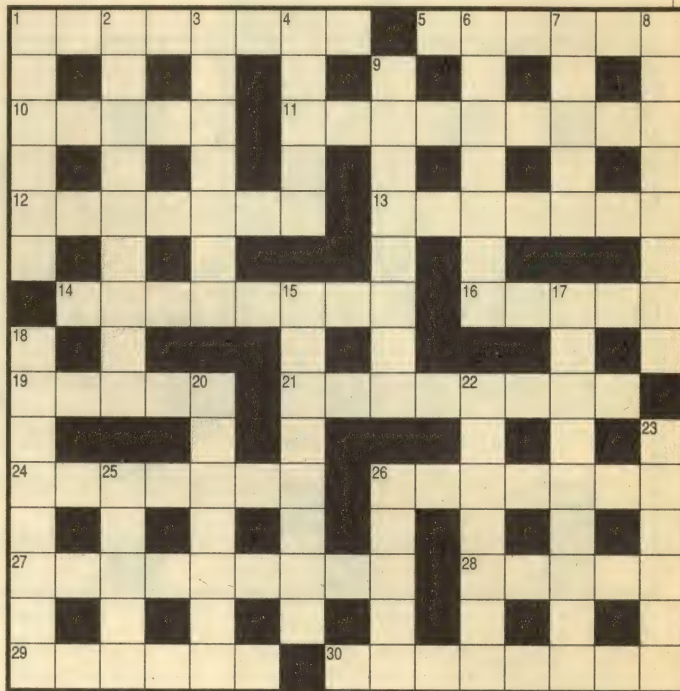
PUZZLE 1 BY FRASER SIMPSON

ACROSS

- 1 Relating to a subject in mathematics (8)
- 5 Artist's quarters do suit eccentric (6)
- 10 From the country right beside Russian river (5)
- 11 Similar genes sometimes storing size (9)
- 12 Ship's canvas had reflected flowers (7)
- 13 Parts of the head synagogues (7)
- 14 Drunk desiring good seats at a fight (8)
- 16 Auditor's charming hotel room (5)
- 19 Crazy baby carriage (5)
- 21 Final courses emphasized the wrong way (8)
- 24 Interrupt princess with wild burst (7)
- 26 Returned marmalade or head of cabbage to a Spanish island (7)
- 27 Give new order to revere Gen. Pine (9)
- 28 Enclosed courts dry as rocks (5)
- 29 Sound of piglike animals slowly diminishes (6)
- 30 Cracked lid is covered with chocolate, frankly (8)
- 4 Theater passages reported secluded spots (5)
- 6 Mother's arranged bottle in a lunchbox (7)
- 7 Live drummer's first sound (5)
- 8 Preoccupied editor goes after crooked bosses (8)
- 9 Squanders deep-fried batter cakes (8)
- 15 Grateful but heartless inside, of course (8)
- 17 Mixed races buried outside of Bali's capital (9)
- 18 Need obit altered following instructions (8)
- 20 Less mature Reno guy is confused (7)
- 22 Deny Joe could

DOWN

- 1 One in business diatribe (6)
- 2 Large hint upset terrestrial (9)
- 3 Joining forces, Capone is above telling fibs (7)
- 4 be liked (7)
- 5 humidity (6)
- 6 go to bed (5)
- 7 Fellow: one with a craze (5)



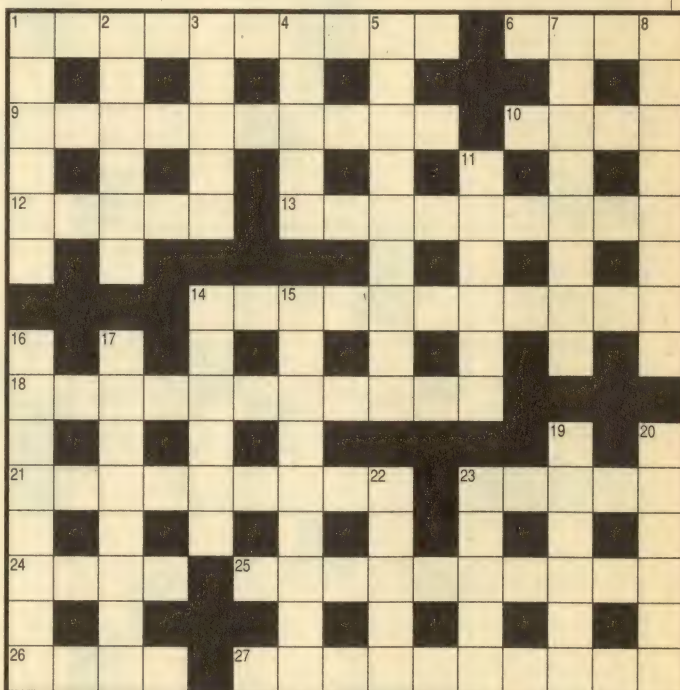
PUZZLE 2 BY DONNA STONE

ACROSS

- 1 Lama they've crushed with a kind of rock (5,5)
- 6 Back ... back in degenerate Babylon (4)
- 9 Unable to read poor duplicate (10)
- 10 Alsatian, oddly, is a movie dog (4)
- 12 Scoundrels' cures reported (5)
- 13 Strand wild lions here (9)
- 14 Partial payment leads to silly snit about basketball players? (11)
- 18 Short version of novel meant to include card game (11)
- 21 Reggae singer's grass taking in confused mob (3,6)
- 23 Letter is the beginning of *Time* article (5)
- 24 Taverns in *North and South* (4)
- 25 Asian river near winding trail used in manufacturing (10)
- 26 Swallow to stop coming back (4)
- 27 They gasp at this scam in distress (10)
- 4 Laser reconstruction for titled men (5)
- 5 Old scientific instrument produces roastable nuts (9)
- 7 Place for a baby fish I catch (8)
- 8 Take off one article of clothing in experiment (8)
- 11 Leave after Pelé misses last shot (6)
- 14 Stylish princess with article from Bombay (6)
- 15 Vocalizes, getting healthy from blisters (9)
- 16 Disjointed lamb chops in circle (8)
- 17 Court hearing about hairdo (8)
- 19 Diamond in one sign (6)
- 20 Scream like a famous opera singer (6)
- 22 It's not me that's half adolescent (5)
- 23 Badly treat aquarium fish (5)

DOWN

- 1 Climax of Bach's final octet (6)
- 2 Prepared to confuse Stella (3,3)
- 3 Is pursuing still Himalayan creatures (5)



Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you're done, the initial letters of the words in the word list will spell the author's name and the source of the quotation.

ANSWER, PAGE 58

1K	2G		3F	4V	5S	6L	7D	8O	9R	10H	11U	12G		13A	14T	15F	16U	17V	18H		19J	20T	21Q
22D		23L		24B	25O	26V	27T	28I		29U	30C	31J		32B	33Q	34L	35U	36T	37O	38M	39J		40H
41Q	42V	43K	44B	45S	46D		47G	48I	49T	50V	51Q		52U	53F	54L	55A	56E	57O	58T	59Q	60D	61K	
62M	63C	64R	65I	66V		67H	68G	69K	70T	71B	72W	73L	74A	75U	76O	77Q		78V		79N	80D	81C	
82G	83J		84U		85Q	86A	87O	88B	89H	90T	91K	92W		93F	94D		95O	96N	97G		98L	99S	
100K	101Q	102C	103B	104M	105E	106L	107O		108G	109W	110N	111K	112I		113Q	114B	115E	116D		117G	118J		119W
120S	121I	122V	123R	124C		125W	126D		127O	128U	129B		130G	131F	132T	133K	134E	135J	136L	137O	138B	139D	
140W	141K	142M	143T	144O	145I	146G	147V	148B		149P	150J	151V	152K	153L	154M	155N	156B		157D	158I	159B	160T	161K
162O		163G	164M	165P	166O		167O	168S	169E	170F	171U	172H		173G	174B	175P	176V	177A	178U	179M		180Q	181V
182R		183G	184O	185B		186A	187S	188V		189T	190G	191N		192V	193W		194L	195O	196P	197F	198G		

- A. Last name of the Flintstones' pal Barney 13 55 177 186 74 86
- B. 1987 Spielberg movie set in WW2 China (4 wds.) 103 32 71 138 174 185 44 24 88 114 129 148 159 156
- C. What *Let's Make a Deal* finalists choose from 124 30 63 81 102
- D. Peter Wright book banned in Britain 116 126 46 139 80 7 157 22 60 94
- E. Manhandles 56 105 115 134 169
- F. Businessman Lee, or his "auto"-biography 3 15 170 93 197 53 131
- G. Fleetwood Mac platinum record of 1987 (4 wds.) 163 190 2 47 97 108 130 173 198 12 68 82 146 117 183
- H. Israel's official language 40 67 10 18 89 172
- I. Not ethically acceptable 145 112 121 158 28 48 65
- J. Cause for celebration on December 31 (2 wds.) 83 118 19 39 135 150 31
- K. 1932 Erskine Caldwell novel (2 wds.) 43 111 100 141 69 91 152 61 133 1 161
- L. 1965-66 rock 'n' roll TV show 54 73 106 153 6 194 23 34 98 136
- M. Provide shelter, as in an arbor 154 142 104 164 62 179 38
- N. Short line of text at the top of a column 79 110 191 155 96
- O. 1987 Judith Krantz bestseller (3 wds.) 8 25 107 127 144 166 195 167 37 87 184 57 76 95 162 137
- P. Midday 149 165 175 196
- Q. #1 song by Bruce Hornsby and the Range (4 wds.) 21 59 77 180 101 51 33 113 41 85
- R. Jacob's twin brother 123 182 9 64
- S. Reddish, as the hair 45 120 99 168 187 5
- T. Jim Belushi movie set in a tough high school (2 wds.) 36 189 14 143 49 27 90 58 20 132 70 160
- U. Third largest city in the Gem State (2 wds.) 35 16 75 128 171 29 84 178 11 52
- V. George Bernard Shaw comedy of 1905 (3 wds.) 188 78 4 26 147 66 42 176 151 17 50 122 181 192
- W. Portuguese monetary units 92 119 140 125 109 193 72

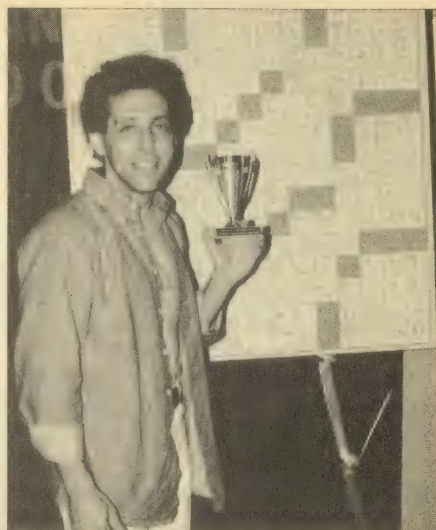
THE YEAR IN CROSSWORD TOURNAMENTS

Last year WNET/Channel Thirteen, New York City's Public Broadcasting station, conducted a survey of its members' leisure interests. The third most frequent response turned out to be crossword puzzles.

The station's promotions department already held events for the top two "interests"—tennis and wine—with tennis tournaments and an annual wine-tasting party. So in November it added the "Channel Thirteen Crossword Puzzle Tournament." Fifty-eight solvers entered the event, which was held at the station's Manhattan studios. GAMES and a number of prominent crossword constructors supplied the puzzles. And the tournament, together with sales of a specially made 1990 crossword engagement calendar, raised several

thousand dollars for the station's programming.

The Thirteen tournament was one of four major crossword contests held during 1989, and the results can be summarized as follows: Jon Delfin, Jon Delfin, Jon Delfin. The 34-year-old pianist/singer from New York City won three of the four contests, including the American Crossword Puzzle Tournament, held April 21-23 in Stamford, Connecticut; the Long Island Crossword Open, held October 21 in Massapequa, New York; and the Thirteen tournament in New York City. He placed second in the other one—the North Jersey Crossword Open, held June 3 in Hackensack, New Jersey. His near-clean sweep earned him



"Solver of the year" Jon Delfin

CONTINUED ON PAGE 34

FOR PINHEADS ★★

BY TRIP PAYNE

ACROSS

- 1 Town, informally
- 5 Served perfectly, in tennis
- 9 Stubborn animals
- 14 Prime draft classification
- 15 Funny or T, for example
- 16 March 17 honoree
- 17 The 7 and 10 pins, perhaps?
- 19 Chatter on
- 20 Be an eyewitness to
- 21 ___ Romeo (automobile)
- 22 Gaze inquisitively
- 23 Frolicsome
- 25 Cooked but still firm
- 27 Male turkey
- 29 Manitoba Indian
- 32 In
- 35 Jrs.' dads
- 36 Sword part
- 37 Bikini section
- 38 Candidates for Clio's
- 40 Ellery Queen, for one
- 42 Took the bait
- 43 Nothing, to Navratilova
- 45 Continental abbr.
- 47 Capital of the Bahamas
- 49 Paradise lost
- 50 MTV hosts
- 52 In the beginning

- 54 Sweethearts
- 58 AT&T symbol
- 60 Verdi heroine
- 62 4:00 drink
- 63 Muscat native
- 64 Gutter ball?
- 66 48HRS. star Nick
- 67 Really neat
- 68 Attorney Bailey
- 69 City on the Rhine
- 70 Helper: Abbr.
- 71 "___ well that ends well"

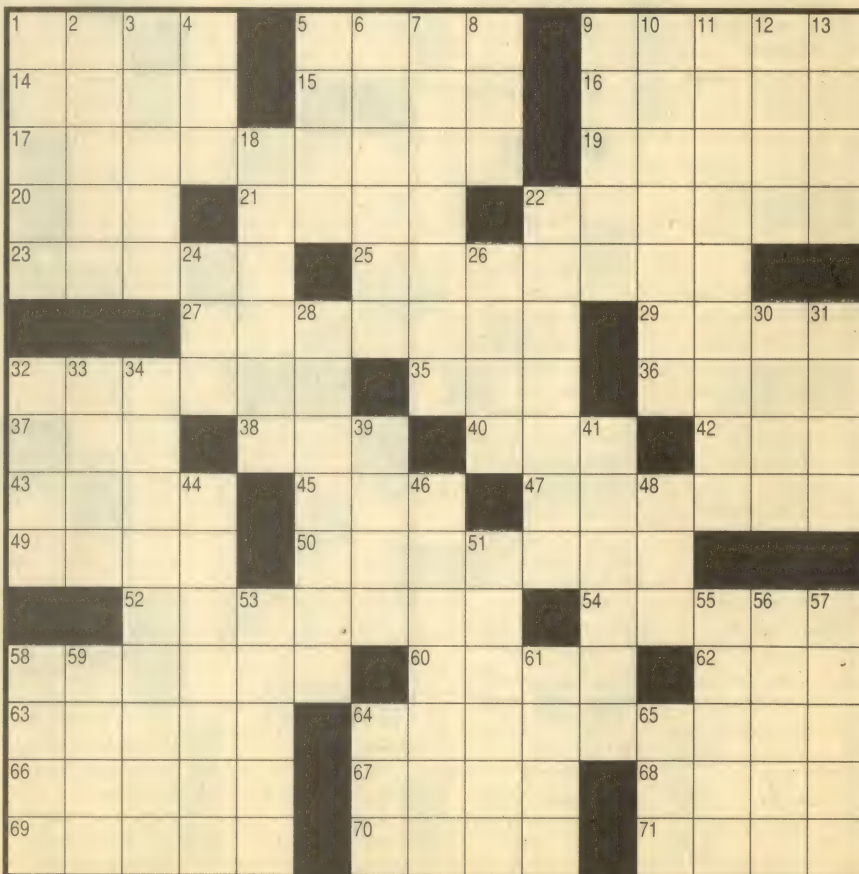
DOWN

- 1 ___ nova
- 2 Let out of the sty
- 3 Renew the lease
- 4 Moo goo ___ pan
- 5 First homicide victim
- 6 Chat
- 7 Ultimate conclusions
- 8 ___ Moines
- 9 Colorado ski resort
- 10 Aerobics warmup
- 11 "Ha-ha, you missed the strike," and others
- 12 "I could ___ horse!"
- 13 "Leave it in"
- 18 Washington city
- 22 ___ non grata
- 24 "Where do ___ from here?"
- 26 Blue Velvet actress Laura

- 28 Pester
- 30 Charles Lamb, pseudonymously
- 31 Words from Caesar
- 32 Fit for the job
- 33 Stepped (on)
- 34 Be ready to bowl?
- 39 Plaintiff
- 41 "SOS!"
- 44 International understanding
- 46 Odd-lot transactions

- 48 Chicago-to-Miami heading
- 51 8-point Scrabble pieces
- 53 Catches for outfielders
- 55 Coral island
- 56 Drive away

- 57 Manuscript enclosures, for short
- 58 ___ Lisa
- 59 Love
- 61 Bad impression
- 64 Also called
- 65 Three ___ kind



STAMFORD

TIME LIMIT: 15 MINUTES

ANSWER, PAGE 59

CONTINUED FROM PAGE 33

\$1,550, several Merriam-Webster dictionaries, and a trip for two to Curaçao.

We asked Delfin for a few solving tips. "I look at 1-Across first," he said, "and then let my eye run down the clues until I get an answer I'm sure of. Then I work that area and build from there." Jumping around, he said, runs the risk of leaving a blank square, not to mention wasting precious time.

The champion says he solves two to three puzzles a day, and finds cryptic crosswords particularly good training for the contests. "Since the clues are written to mislead, it forces me to keep an open mind about them."

Other top 1989 tournament contestants included:

• Doug Hoylman, 46, an actuary from Chevy Chase, Maryland (1st

at North Jersey, 2nd at Stamford)

• Carol Barboni, 31, a software engineer from East Meadow, New York (2nd at Long Island and New York City, 3rd at North Jersey)

• Ellen Ripstein, 37, a statistician from New York City (3rd at Stamford and New York City)

• Al Sanders, 30, an engineering project manager from Colorado Springs (3rd at Long Island)

Five of our favorite puzzles from this year's contests appear in this issue (pages 33-37). The ones from North Jersey and Long Island are reprinted by courtesy of the tournament director, Stanley Newman. If you'd like to compare your performance with the contestants', time yourself. Average solving times and winners' times appear with the answers.

—Will Shortz



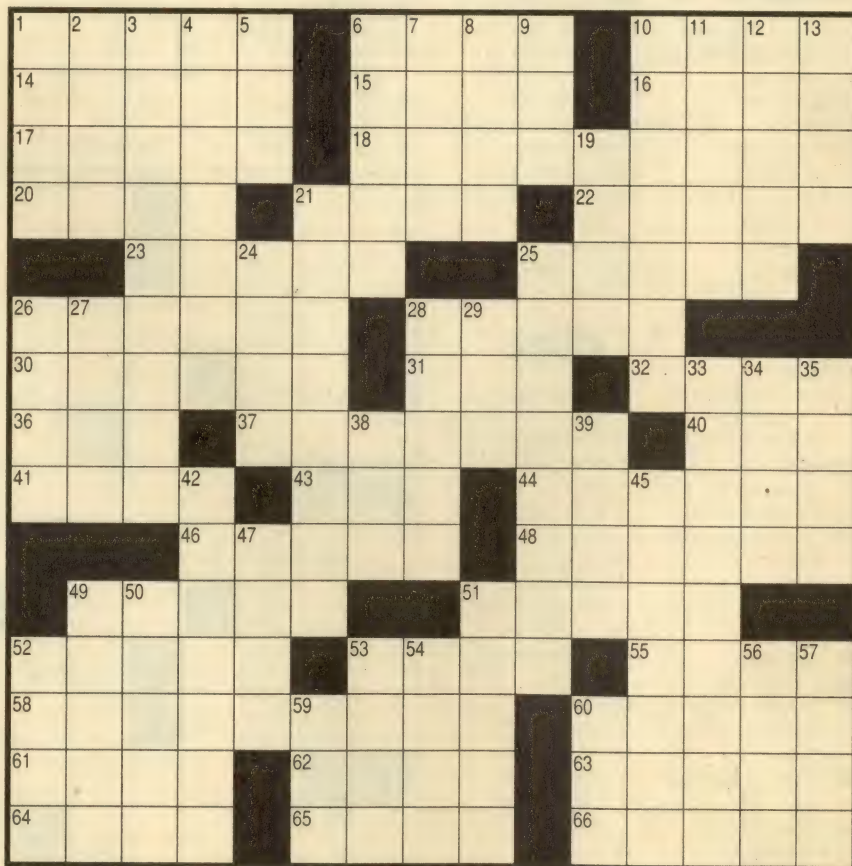
While the year's crosswords didn't wear the contestants, some contestants did wear the crosswords.

ACROSS

- 1 Silly person
- 6 Washout
- 10 Big party
- 14 Traveled a circular path
- 15 Hitcher's desire
- 16 Chemistry
- 17 Sergeant
- 18 Talked to
- 20 Make a blunder
- 21 Snake sound
- 22 Where you live
- 23 Of interest to John Paul
- 25 Literary sarcasm
- 26 Guiding light
- 28 Horse-donkey offspring
- 30 Placed in order
- 31 Pt. of speech
- 32 Argyle, e.g.
- 36 Adherent's suffix
- 37 Excited states
- 40 Ending for form or spat
- 41 Arizona city
- 43 Bee follower
- 44 Rodin work
- 46 Reaches across
- 48 Strands on a Christmas tree
- 49 Showed interest
- 51 "10" star
- 52 Sorrow
- 53 Lumber
- 55 Mickey and Minnie
- 58 On a chase
- 60 Cleaning chemical
- 61 Mortgage, e.g.
- 62 "___ It Romantic?"
- 63 Ready to serve
- 64 Come back to earth
- 65 Like Erie
- 66 Kind of multiple-choice question

DOWN

- 1 Iron fishhook
- 2 Evangelist
- 3 Roberts
- 4 Lodgers
- 4 Reversal
- 5 Mag. execs
- 6 Not very strong
- 7 Pot's tops
- 8 Probability quote
- 9 According to
- 10 Dining-room staff
- 11 Flaming felony
- 12 Run-down
- 13 Jekyll's other half
- 19 Receive interest
- 21 Analyze racing statistics
- 24 Ezra Pound's profession
- 25 Bought bonds
- 26 Bowler's edge
- 27 Nonchalance
- 28 Visibility problems
- 29 A mean Amin
- 33 City's periphery
- 34 One of this puzzle's 78



LONG ISLAND

TIME LIMIT: 20 MINUTES

ANSWER, PAGE 59

- 35 Film critic
- 38 Buddhist sect
- 39 Swizzle
- 42 Flabbergast
- 45 Windflower
- 47 Morris's murmur
- 49 Braga of *The Milagro Beanfield War*
- 50 Austrian peaks, locally
- 51 Eccentric
- 52 Soup flavoring
- 53 1970 Newman/Woodward film
- 54 Porker's plaint
- 56 James of *The Godfather*
- 57 Show, for short
- 59 Part of RSVP
- 60 Tarzan's kids



Playoff contestants Ripstein, Hoylman, and Delfin race to fill in the squares at Stamford.



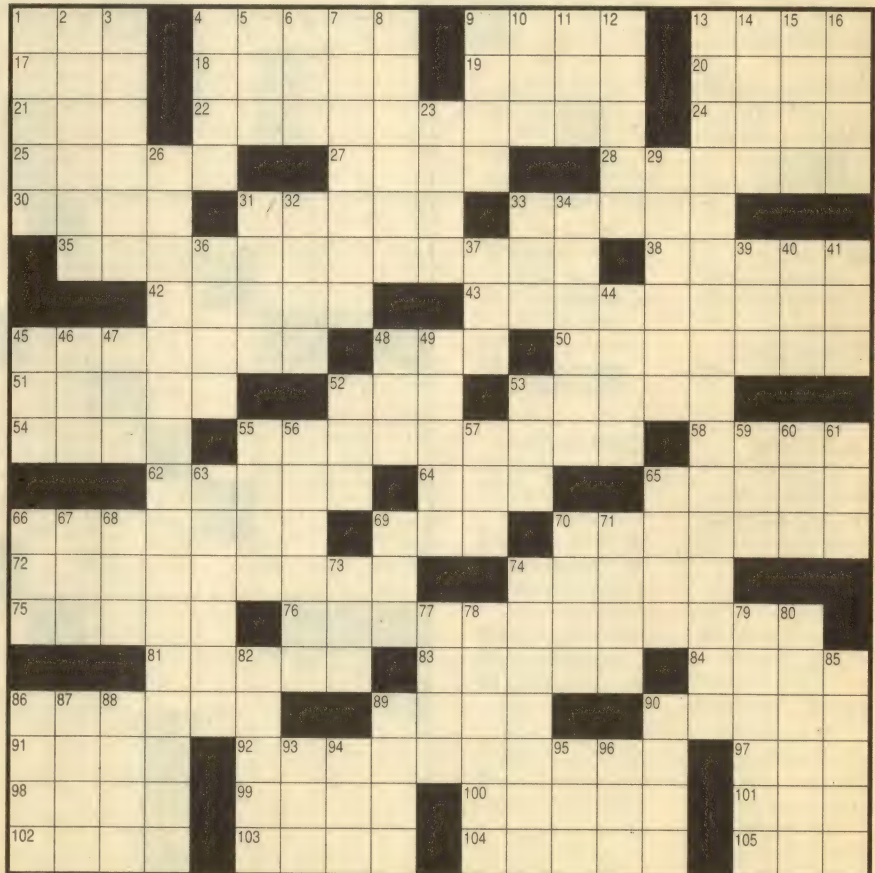
At the awards banquet, Janet Wynne Vaast shared reminiscences about her father, Arthur Wynne, the inventor of the crossword.

ACROSS

- 1 Turkish for "lord"
- 4 Sounds laryngitic
- 9 Does pruning
- 13 Shah ____ Pahlavi
- 17 Flower on a French escutcheon
- 18 Throw for ____ (surprise)
- 19 Mental flash
- 20 Midterm, e.g.
- 21 G.I. dogtags
- 22 What longshoremen do
- 24 "... ____ clock scholar"
- 25 Does film-cutting
- 27 Pressing need
- 28 Manhandles
- 30 Colleague of Crosby and Stills
- 31 Flour bags
- 33 Petal extract
- 35 Result of heavy cargo on the dock
- 38 Slyly disparaging
- 42 Tosses in the towel
- 43 Half-step intervals, in music
- 45 Shows flexibility
- 48 Pronoun for a ship
- 50 Assembly-line houses
- 51 Bullfrog's sound
- 52 No-win situation
- 53 Banquet
- 54 "Kingfish" Long
- 55 Dock food
- 58 Lynch
- 62 Ephron and Bayes
- 64 Prom wear
- 65 Eaglet's birthplace
- 66 Coleridge oldster
- 69 Scottish resort
- 70 "Jack ____ went ..."
- 72 Having no fixed finale
- 74 Become weatherworn
- 75 Harass
- 76 Reprimand from the dock manager
- 81 Mint output
- 83 Sandwich cookies
- 84 Upslope device
- 86 Pago Pago native
- 89 Sci-fi film menace of 1958
- 90 Anagram of Tokyo
- 91 Julie's "Zhivago" costar
- 92 What the longshoremen did
- 97 Rose-rose link
- 98 Aladdin's possession
- 99 Pitcher Hersher
- 100 Mickey Mouse's dog
- 101
- 102 Lyrical literature
- 103 Ride on the runway
- 104 Wintry forecast
- 105 This is dynamite

DOWN

- 13 Lost dock's recovery
- 14 Former spouses
- 15 Author Grey
- 16 Freeman Gosden role
- 23 Hiring honcho
- 26 The stevedores next to Dock 8
- 29 Butters up, perhaps
- 31 Partner of polish
- 32 Liberal and martial
- 33 "... we having fun yet?"
- 34 Hotheadedness
- 36 JFK's Secretary of State
- 37 Function
- 39 Pig ____ poke
- 40 Rookie socialite
- 41 Superman's insignia
- 44 Dies ____
- 45 Alas, in Aachen
- 46 Joanne of Red River
- 47 Blow or Doakes
- 48 Knight's title
- 49 On the large side
- 52 Soho thank-yous
- 53 Modern office machine
- 55 St. Paul's architect
- 56 A baseball Ty
- 57 Winter coat trim
- 59 Exodus hero
- 60 Zilch
- 61 Shampoo type
- 63 ____ customer
- 65 Puts 2 and 2 together
- 66 "Lavender Hill" group
- 67 King Kong's kin
- 68 Second notes
- 69 Hubbub
- 70 Ending for "buck"
- 71 Vous et moi
- 73 UFO passengers
- 74 Size up visually
- 77 Lounge about
- 78 Sags
- 79 Woodwind player
- 80 Bell's assistant
- 82 A little bar in Fort Worth
- 85 Barbecue
- 86 Star Wars adventurer
- 87 Diary of ____ Housewife
- 88 Put the blame on her
- 89 Island off Java
- 90 Shoelace annoyance
- 93 A feast ____ famine
- 94 Cowpoke's nickname
- 95 Up for payment
- 96 Suffix with Capri



STAMFORD

TIME LIMIT: 30 MINUTES

ANSWER, PAGE 59



Ed Bethea, 51, a social worker from New York City, won the Senior division at both North Jersey and Long Island.



GAMES Contributing Editor Trip Payne, 21, a senior at Emory University in Atlanta, won the Junior titles at the same events.

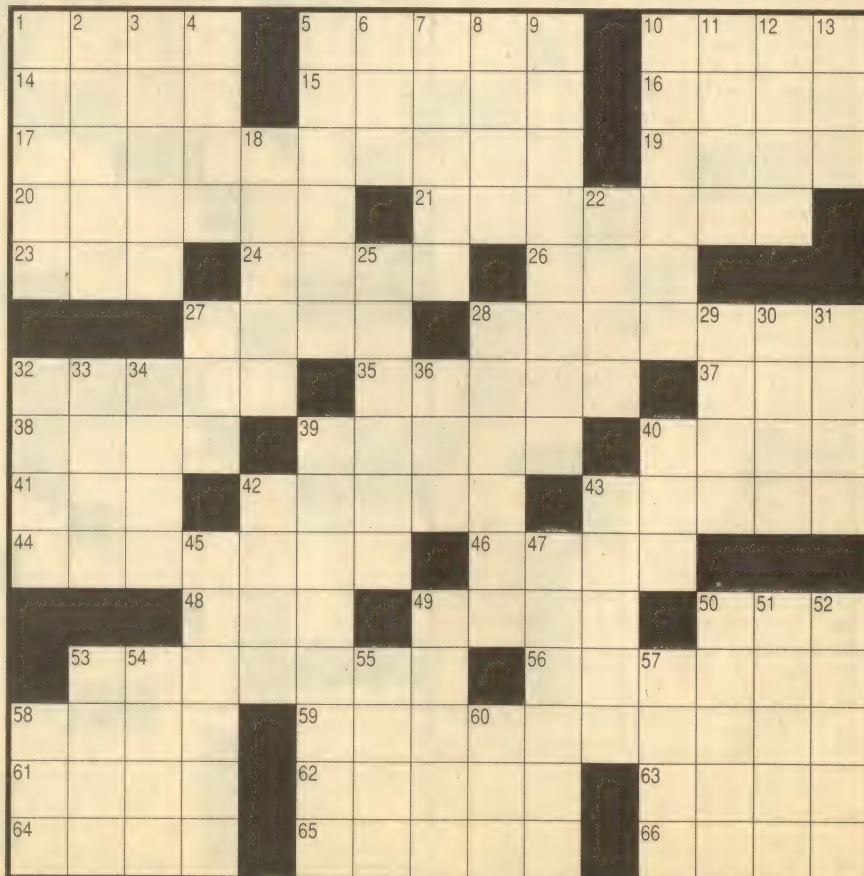
ACROSS

- 1 Tobogganer's turf
5 Dot with drops
10 Placed wagers
14 Dessert pear
15 Uniform color
16 Colchis-bound ship
17 Noted Rams lineman
19 What a revolting development!
20 Book-page size
21 Bug-eating beast of South America
23 Utmost
24 Masochist's favorite word?
26 Mouthful of Bazooka
27 *Head of a Woman* painter
28 Rick's Café Américain, e.g.
32 Defeated narrowly
35 Platter's place
37 McLean-based org.
38 Strike
39 Welcomed the judge
40 Film role first played by Higgins
41 Curator's concern
42 Correct copy
43 Sostenuto, e.g.
44 Canner's standby
46 Pinball nudger's penalty
- 48 Hogan or Klink: Abbr.
49 Famed first name in figure skating
50 Source of 9-Down, e.g.
53 One-acter
56 Shangri-la
58 Means' partner
59 Tower of London attraction
61 Last of the House of Stuart
62 ____-surface (missile type)
63 Perry's creator, perhaps
64 Eliciting whistles, perhaps
65 Cabby-turned-singer Della
66 Calendar boxes

DOWN

- 1 Wore
2 Shoot up
3 Reluctant
4 Villain of TV's *Crime Story*
5 Gallic greeting
6 "Telephone Line" singers, for short
7 One of Burt's former flames
8 Divisible by two
9 "O wild ____": Shelley
10 '60s TV Western
11 Soliloquy set to music
12 Marty Feldman role
13 Umlaut half

- 18 Resembling Humpty
22 Minstrel's need
25 "Eggbeater"
27 Ran into
28 "Better Be ____ Me" (Tina Turner hit)
29 Tea type
30 Oriental assassin
31 Follow
32 Midterm event
33 The first Mrs. Copperfield
34 Daring
36 Sweetie pie
39 Compact
40 Play the horses
42 Delight in
43 Run's endpoint
45 *Juno and the Paycock* playwright
47 *Tom Sawyer* murderer
49 Stockpile
50 *Thais*, e.g.
51 Beaut
52 Alleviates
53 Sheet of stamps
54 Tuft-eared cat
55 Canal of 1825
57 Had outstanding finances?
58 Used to be
60 Oz. and kg.



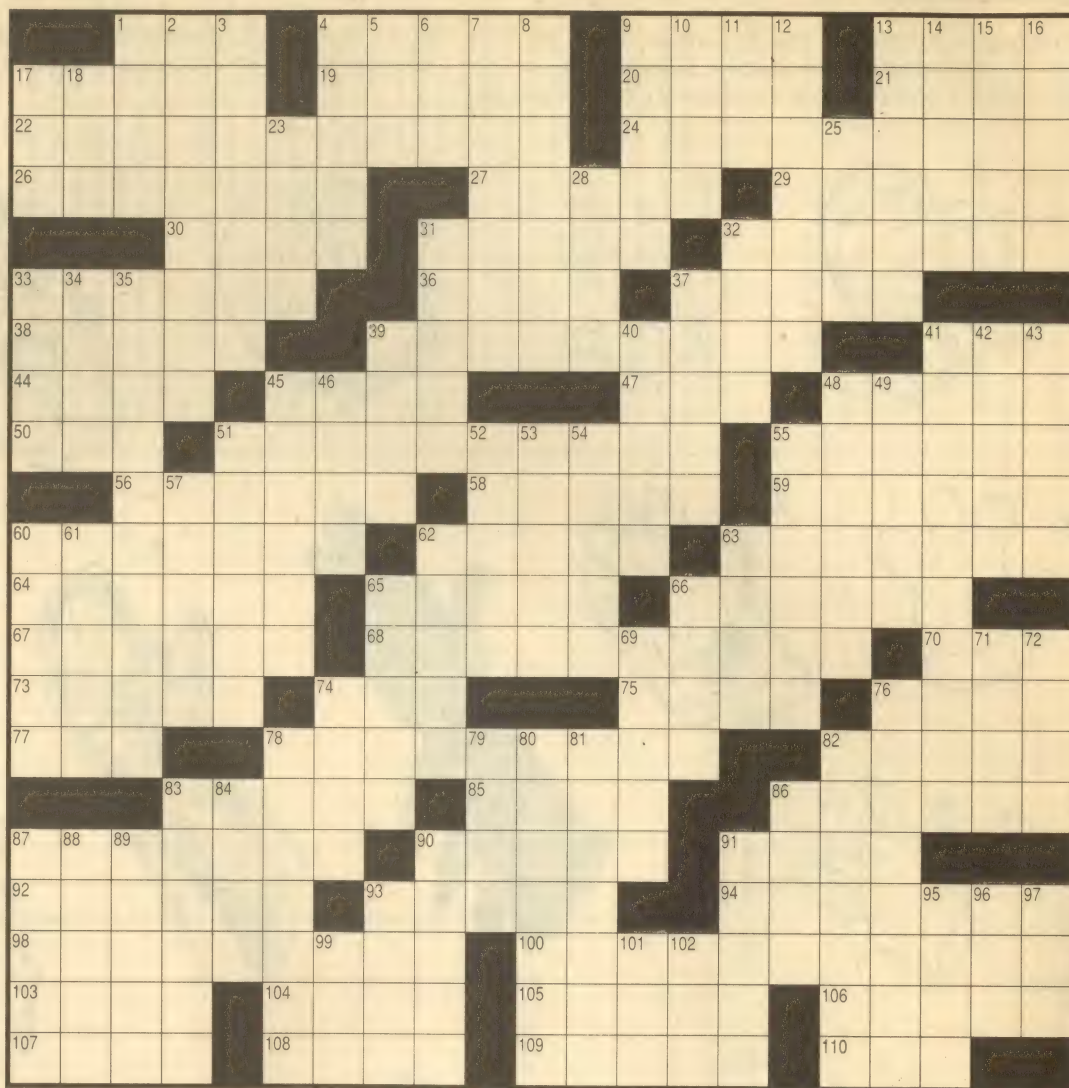
NORTH JERSEY

TIME LIMIT: 25 MINUTES

ANSWER, PAGE 59

ACROSS

- 1 Attorney's deg.
- 4 Bangladesh capital
- 9 Storm prelim
- 13 Clear the decks
- 17 Farewell
- 19 Busy site in Chicago
- 20 Mixture
- 21 Chic beach resort
- 22 Mae Arthur's New York county?
- 24 Benny Crystal's bumpkin?
- 26 More elegant
- 27 Virtuous attitudes
- 29 Hit bottom?
- 30 *Corrida* cheers
- 31 Rote of football
- 32 Yearns
- 33 Took the wheel
- 36 *Les États-__*
- 37 Some are inert
- 38 "That's __ off my mind!"
- 39 Karen Nicholson's card game?
- 41 Dict. fill
- 44 Make an X, maybe
- 45 Uses plastic
- 47 Lodge member
- 48 Western resort
- 50 Org. offering lemon aid?
- 51 Louis Summer's artiste?
- 55 Calder creation
- 56 Bean
- 58 Linda or Dale
- 59 Walking on air
- 60 Advisory council
- 62 Kind of train or boat
- 63 Crime that pays off?
- 64 First name in aviation
- 65 First name in seclusion
- 66 Ready to be built
- 67 Let out the line
- 68 Veronica Lasser's Canadian retreat?
- 70 Under the weather
- 73 Ladies' men
- 74 Chick's mom
- 75 Author Harte
- 76 Vivacity
- 77 It's fine for swine
- 78 George Laurie's bird?
- 82 Enjoyment



NEW YORK

- 83 Livy's language
- 85 Flightless flock
- 86 Church taxes
- 87 Garb
- 90 Plains home
- 91 Verb-to-noun suffix
- 92 Dodger Ralph
- 93 More sensible
- 94 *Cielo* residents
- 98 Johnny Twain's standard?
- 100 Neil Lardner's jewelry?
- 103 Molding type
- 104 Diminutive ending
- 105 Playwright Rice
- 106 Beginning
- 107 Pitch
- 108 College bigwig
- 109 Seven: Prefix
- 110 Ariz. zone

DOWN

- 1 Half a painting name

- 2 __ Write My Epitaph (1960 movie)
- 3 Caved in
- 4 Movers and shakers
- 5 Oohs' mates
- 6 Cool type
- 7 Amati's home
- 8 Requiring oxygen
- 9 Humorist Myron
- 10 MacGraw and others
- 11 Abner's description
- 12 Shellfish
- 13 Arrows' accompaniments
- 14 *The Happy Prince* author
- 15 Associate of Freud
- 16 Actors William and Stephen
- 17 Bashful interjections

TIME LIMIT: 45 MINUTES

- 18 It waters the lawn
- 23 Attention paid
- 25 Curse
- 28 Put on the line
- 31 Arkansas river city
- 32 Emulate Lizzie Borden?
- 33 "The night __ thousand eyes"
- 34 Lamb by another name
- 35 Joshua Gordy Jr.'s fruit?
- 37 Black-tie evenings
- 39 "Let It __" (Everlys hit)
- 40 Jackass's mate
- 41 Betty Bayh's tree?
- 42 Meter?
- 43 Run-down
- 45 Trial
- 46 Collapse
- 48 *L'chaim*, literally

- 49 Addis's other half
- 51 What some bettors play
- 52 Andress's ex
- 53 Egg-shaped
- 54 Fleet-related
- 55 Least embellished
- 57 Killed a creak
- 60 Enclosing membranes
- 61 "I __ a crook"
- 62 Stately
- 63 Cheese-board offering
- 65 Ohio politico
- 66 Engine hum
- 69 Corpulent
- 71 Word of "Valley talk"
- 72 Defeat
- 74 Welcome
- 76 Medium-sized herons
- 78 Ticked off
- 79 Hammer part
- 80 Blocks

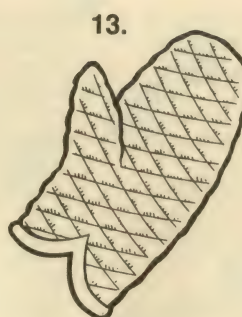
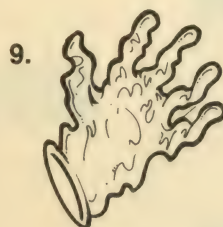
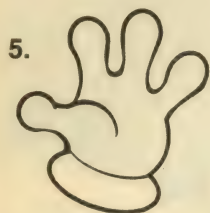
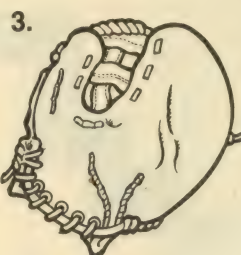
ANSWER, PAGE 59

- 81 Childish
- 82 Realm
- 83 Joust arsenal
- 84 It has a keystone
- 86 The Volunteer St.
- 87 Monastery boss
- 88 "You're welcome," in Italy
- 89 They let you see through walls
- 90 Occupied
- 91 New Zealand native
- 93 Mex. miss
- 95 Basic catalog price
- 96 NY-Boston dir.
- 97 Ex-Pvt., maybe
- 99 Sampled the buffet
- 101 Rock concert need
- 102 Came upon

We recently went through the lost-and-found at the Time Travel Station (which lies somewhere between fact and fiction), and there we came upon a number of gloves misplaced

by the famous folks listed at the bottom of the page. Can you lend these folks a hand by matching each glove to its owner?

ANSWER, PAGE 58



Mario Andretti
Neil Armstrong
Batman
Johnny Bench
Buffalo Bill

The Owners

Julia Child
Wayne Gretzky
Michael Jackson
Freddy Krueger

Sir Lancelot
Marilyn Monroe
Mickey Mouse
Hawkeye Pierce
Mike Tyson

ENTER OUR CONTEST AND WIN \$5,000, \$10,000, \$15,000 IN CASH AND MORE



WORD TOTAL												
P												
L												
A												
Y												
E												
R												
S												
TOTAL SCORE												

OFFICIAL WORD LIST FOR ACE												
PRONOUN	PROJECT	WEEKEND										
ALCALDE	ILLNESS	YARDARM										
HALYARD	CLARITY	AGELESS										
IMAGINE	TOLUENE	CONFESSION										
PAPYRUS	MIDYEAR	HAPLESS										
STUPEFY	BLARNEY	UPSTART										
PURLOIN	CLEANSE	WAXWORK										

OFFICIAL LETTER VALUES FOR ACE												
A-10	J-17	S-7										
B-26	K-2	T-12										
C-20	L-22	U-24										
D-4	M-11	V-19										
E-6	N-1	W-14										
F-16	O-18	X-25										
G-8	P-9	Y-15										
H-21	Q-23	Z-3										
I-5	R-13											

WORD TOTAL												
P												
L												
A												
Y												
E												
R												
S												
TOTAL SCORE												

OFFICIAL WORD LIST FOR KING												
EPICURE	ALMONER	SECRECY										
ABALONE	PROJECT	YTRIUM										
ERRATUM	LULLABY	SESSILE										
ROTUNDA	APOLOGY	ROSEBUD										
YARDAGE	RESIDUE	LEMNING										
EXEGETE	PRONOUN	LATVIAN										
PURLOIN	SKEPTIC	YOUNKER										

OFFICIAL LETTER VALUES FOR KING												
A-22	J-14	S-3										
B-12	K-25	T-21										
C-10	L-4	U-23										
D-24	M-18	V-5										
E-11	N-6	W-13										
F-26	O-15	X-17										
G-19	P-16	Y-7										
H-1	Q-9	Z-2										
I-20	R-8											

WORD TOTAL												
P												
L												
A												
Y												
E												
R												
S												
TOTAL SCORE												

OFFICIAL WORD LIST FOR QUEEN												
SKIPTIC	STUPEFY	HAPLESS										
APOLOGY	SESSILE	ONESELF										
SECRET	MIDYEAR	YTRIUM										
ROTUNDA	CAVEMAN	ALMANAC										
CATALPA	MIDSKIN	CLARITY										
PAPYRUS	IGNEOUS	HALYARD										
ERRATUM	LULLABY	PURLOIN										

OFFICIAL LETTER VALUES FOR QUEEN												
A-18	J-24	S-23										
B-6	K-8	T-20										
C-45	L-11	U-13										
D-22	M-3	V-14										
E-16	N-26	W-17										
F-12	O-21	X-2										
G-4	P-19	Y-25										
H-10	Q-5	Z-7										
I-9	R-1											

DIRECTIONS: Fill in each of the ACE, KING AND QUEEN charts on this entry form with seven words from that game's Official Word List, using the letters already entered which spell out the word PLAYERS. Each letter has a point value... these values are indicated in the Official Letter Value List below each grid for each game. Be sure to use the correct letter values for the puzzle you are solving. Highest total score wins, so you must select words that give you the most points.

WHO MAY PLAY — U.S. residents 18 years or older except contestants or households who are employees of PCG, INC. or suppliers.

HOW WE PLAY — Each of the games must be played following the directions. You will be disqualified for illegible words or miscalculated scores.

TIED PLAYERS will be required to solve separate word-building, letter value tiebreakers for each game of the contest in which they tied. Tiebreakers will require significantly greater skill; each will have its own rules. We estimate 78% correct solutions to the initial entries. 37% will have highest score on first tiebreaker, 23% will have highest score on second tiebreaker, and 5% will have highest score on third tiebreaker. We anticipate that the fourth tiebreaker will determine who will be our winners in each game of the contest. We expect that 42,000 contestants nationwide will play the game. If any contestants are tied after completing the 4 tiebreakers in any or all games of the contest, an additional tiebreaker may be required. PCG, Inc. reserves the right to use the final tiebreakers to determine winners and to pay prizes at any time it feels they can select a winner of the contest.

GENERAL INFORMATION — Winners lists will be available upon request within 5 to 7 weeks after prizes have been awarded. Each returned tiebreaker must include \$1.75 for postage and handling, making a total of \$5.25 in postage and handling charges remaining in the contest prior to awarding the prizes. Words used must appear in any one of the paperback dictionaries specifically titled "The Merriam-Webster Dictionary" (published commencing 1974). Entries and all entry fees become property of PCG, Inc. Contestants will be allowed at least 15 to 21 days to return a solved tiebreaker. Contestants agree to PCG's rules and judges' decisions. Prior to awarding the prize or prizes, winner or winners will be required to sign an affidavit stating that they received no help, other than from their immediate household, and DID NOT USE DATA PROCESSING ASSISTANCE in solving this entire contest. Winning entries will be subject to final confirmation for correctness and mathematical accuracy. We require fifteen days to make any change of address. Taxes will be the responsibility of the winners. A grace period of three postal delivery days will be given all entries. If mailed postage is used, we will determine timeliness by the date we receive it. We will not be responsible for lost, stolen, or delayed mail. An opportunity to increase your winnings after you are in the Tiebreaker Group by adding additional levels of winnings will be offered.

WE HAVE ILLUSTRATED AN EXAMPLE PLAYERS GAME FOR YOU. We had to use the letters (PLAYERS) already entered on the grid to form the words that would give us the highest score. As you can see, our first word had to begin with "P", so we chose PROJECT from the Example Word List because its point value of 104 is higher than any other word beginning with "P". We chose six other words using this method. Then we wrote each word's point value in the space marked "Word Total", added the point values of all seven words and came up with a Total Score of 672.

NOW LET US SEE HOW YOU CAN DO. Send your completed solutions to these puzzles on the Official Entry form (this entire page). Double check your calculations and write clearly; an error in addition or an illegible word will disqualify your efforts.

EXAMPLE GAME												
ROTUNDA	ABALONE	EXEGETE										
PRONOUN	APOLOGY	PROJECT										
LATVIAN	YARDAGE	YARDMAN										
SESSILE	ERRATUM	LULLABY										
RESIDUE	SECRET											
EXAMPLE LETTER VALUES												
A-11	G-10	M-13	S-9	Y-1								
B-22	H-23	N-2	T-16	Z-5								
C-12	I-7	O-20	U-26									
D-6	J-19	P-14	V-21									
E-8	K-4	Q-25	W-18									
F-3	L-24	R-15	X-17									
TOTAL												
PRO	J	E	C	T								
L	U	L	A	B	Y							
A	P	O	L	O	G	Y						
Y	A	R	D	A	G	E						
E	R	R	A	T	U	M						
R	O	T	U	N	D	A						
S	E	S	S	I	L	E						
TOTAL												
SCORE 672												

OFFICIAL ENTRY FORM FOR PLAYERS CONTEST #151
(Send entire page)

NAME _____
ADDRESS _____
CITY _____
STATE & ZIP _____

Make check or money order payable to PCG and mail to:
PCG, Inc., Players Division, 17351-A Murphy Ave.,
Dept. R0, Irvine, CA 92714.

For additional entry forms, telephone 714-455-3646, leave your name and address. Form will be sent to you immediately.

SELECT YOUR PRIZE GROUP BELOW

CHECK ONLY ONE

\$5,000.00 PRIZE GROUP
☐ Win the 3 games and collect \$5,000
☐ Win any 2 games and collect \$1,500
☐ Win any 1 game and collect \$750
☐ Enclose entry fee of\$7

\$10,000 PRIZE GROUP
☐ Win the 3 games and collect \$10,000
☐ Win any 2 games and collect \$3,000
☐ Win any 1 game and collect \$1,000
☐ Enclose entry fee of\$11

\$15,000 PRIZE GROUP
☐ Win the 3 games and collect \$15,000
☐ Win any 2 games and collect \$5,000
☐ Win any 1 game and collect \$2,000
☐ Enclose entry fee of\$15

DEADLINE FOR MAILING THIS ENTRY IS APRIL 26, 1990 — PRIZES WILL BE AWARDED ON OR BEFORE NOVEMBER 30, 1990

THE STATE ^{VS.} JOSEPH HILL ^{★★}

By Roy Post

Ladies and Gentlemen of the Jury: There were no eye witnesses to the murder of Clinton Bragg. Not even the murderer was there to see him die. And three persons with motive to murder him had opportunity to commit the crime.

He was not a lovable character, Ladies and Gentlemen. He was a misanthrope, a miser, a loan shark. He had been crippled for years, unable to move from his bed unassisted, and this had embittered him until he seemed to take vicious delight in inflicting pain on those who fell into his clutches.

Now, Ladies and Gentlemen, the first of the trio with both motive and opportunity to murder Clinton Bragg was his landlady, the widow Susan Ball.

When her husband died 13 years before, Mrs. Ball found that the only thing he had left her was their new home, a modern place which she was able to keep only because she turned it into a superior rooming house. Bragg was her first tenant. Because of his miserliness he would not hire a nurse to attend to his

wants, but paid Mrs. Ball to take care of him, to wait on him hand and foot, by promising to make her daughter his heir.

On the evening before his body was found, he quarrelled with Mrs. Ball because she kept her daughter in a boarding school. He called it a waste of money. He reviled her, mocked her, and others heard him shout that the next morning he'd have his lawyer come to change his will so neither she nor her daughter would ever get a cent of his money to squander.

The other two with both motive and opportunity to commit the murder were Burton Meek and Joseph Hill, who shared a suite of two rooms on the floor above Bragg's room with Thomas Lane, like them a clerk in a brokerage office.

Though neither Hill nor Meek knew of the other's plight, both had borrowed from the old loan shark to repay small thefts from their offices. And after making payments to Bragg every week for almost four years, each still owed the old man five to six times as much as the original loan, a situation not at all unusual in loan shark dealings.

On the afternoon before the body was found, Bragg had called them in separately and ordered each to pay the money the next day, even if they had to steal it from their offices. Neither had the money. He told them if they didn't pay, he would inform their employers of their speculations.

We come now to the night before the body was found. We are fortunate in having as a witness Mrs. Hunter, who spent the night in the room nearest the old man's, sitting up with a sick friend, Mrs. Wayne, another paying guest. As it was a warm August night, Mrs. Hunter kept the door open. So from her chair



A Classic Jury Box Puzzle from the GAMES Library

she was able to keep a watch on Bragg's door. I submit State's Exhibit A to make clear this point by showing the relationship of the rooms. No. 1 is Bragg's room, No. 2 is Mrs. Wayne's.

At 11 P.M., as she did every night, Mrs. Ball went to Bragg's room, arranged his bed, opened the window some six inches, lowered the blind to within eight inches or so of the sill, and went downstairs to her own room. She did not lock Bragg's door. He had a horror of being locked in.

At 12:30 P.M., while Mrs. Hunter was sitting with the light out until her patient went to sleep, Mrs. Ball came quietly up the stairs and entered Bragg's room. She was there about five minutes and then as silently went down again, not knowing that Mrs. Hunter was watching her. Mrs. Ball has told you she went to plead with Bragg to keep his promise, but found him asleep, and so left.

At 1:55 A.M., Joseph Hill came home from a party. Mrs. Hunter heard his step on the stairs, but did not see him because at that moment her patient became restless and she went to the bed. So she is unable to testify whether he went into Bragg's room or whether, as he testified, he went directly upstairs.

At 7 A.M., Mrs. Hunter left her chair for the second time during her vigil. No one else had come up or downstairs all night. Her patient awoke, and Mrs. Hunter closed the door so no one could hear the sick woman.

At 7:05 A.M., Burton Meek left his room and started for work, having tasks at his office he had to do before it opened. This is verified by his roommates and by his office manager. Meek says he walked

directly downstairs without stopping and that he saw no one.

At 7:10 A.M., her patient having fallen asleep again, Mrs. Hunter reopened the door. She pulled down the shade so that the bright sunlight would not disturb her patient. She sat down to wait for another friend, who was to relieve her.

At 9:35 A.M., as was customary, Mrs. Ball came up with Bragg's breakfast. She saw Mrs. Hunter and said, "I hope the old skinflint has decided not to change his will." She opened the door to Bragg's room, and gas gushed out into the corridor. Someone had gone into the room as Bragg slept, closed the window, turned on the gas heater and left Bragg to die.

Police with gas masks dragged out the old man; doctors said he had been dead anywhere from two to ten hours. Nothing was out of order in the room except on the window sill, which is shown as police found it in State's Exhibit B. As

Detective

Casey told you, "There were some wilted flowers in the vase on the sill and that sill was a regular morgue for flies and mosquitoes. The only ones in the room were dead there, killed by the gas, I guess. There was also a cigarette and Bragg's pipe."

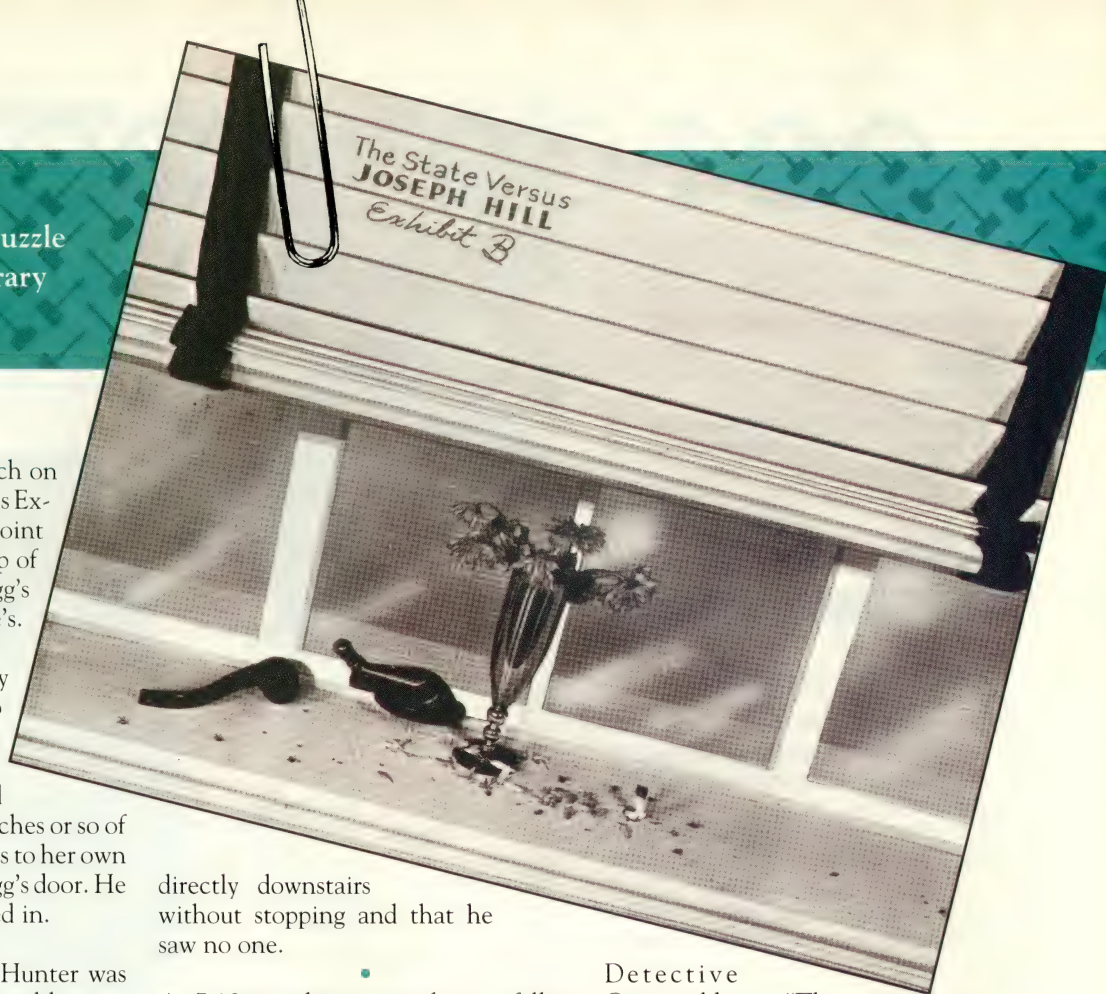
And this cigarette was of the unusual brand, which testimony proves was smoked by Hill, and Hill alone of those in the house. He has admitted it was his cigarette, but he had said he crushed it out the day before while talking to the old man.

Now, Ladies and Gentlemen, even though Bragg was a despicable character and probably worthy of no better fate, I ask you, as Jurors sworn to do your duty, to find Joseph Hill, defendant at the bar, guilty of murder in the first degree.

All the facts necessary to solve this crime and reach the correct verdict are contained in the story and exhibits. Please reach your decision and mark your jury ballot below.

ANSWER, PAGE 58

I find the defendant, Joseph Hill: ☐ Guilty ☐ Not guilty



GAMES & BOOKS

EDITED BY BURT HOCHBERG

WRDZ

WORD GAME

Company WRDZ, Inc., 4439 Thoroughbred Dr., Roswell, GA 30075 **Price** \$25 (\$27 ppd.) **Players** 2-6 (best: 2-4) **Playing Time** 45 minutes

SIMPLE

COMPLEX

CHANCE

SKILL

Two things about this new game strike you right off the bat: First, the idea is so simple it's hard to believe no one ever thought of it before. Second, though it's a word game, you don't have to be a good speller.

WRDZ is a game of bluffing. A good vocabulary always comes in handy when playing word games, of course, but at least as important in this case is a confident manner and a good poker face.

Each player in turn draws one letter tile from the stock and places it on the board. The first one goes in the center; all others must be placed vertically or horizontally (but not diagonally) adjacent to at least one other tile, thus forming a sequence of letters (a "word") reading left to right or top to bottom. You may place a tile in an occupied space by sliding its present occupant, along with other tiles in its row or column, one space up, down, or sideways to make room. This will usually create several new "words."

Here's the beauty part: When creating

a "word," you should have in mind an actual word in which that sequence of letters appears in that order, though not necessarily consecutively. For example, the "word" ABC appears in the words ABACUS, CABLECAR, and ALPHABETICALLY, among others. You earn one point for every tile in every "word" you create, but only if none of your "words" is successfully challenged. An opponent who thinks you're bluffing can challenge one of your "words." If you can provide a valid word, the challenger loses points; if you can't, you lose points, the challenger gains points, and the previous board position is restored.

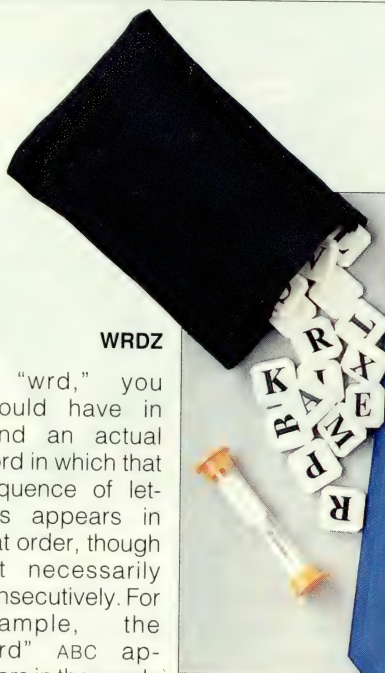
Since you draw only one tile per turn, you'll often have to decide whether to take an easy 2 points by connecting with a single exposed tile or to try for a high-

scoring combination. The temptation to bluff increases as the board becomes congested, since a clever move can score a lot of points—and could provoke an opponent to challenge unsuccessfully. Bluffing is

necessary if you want a high score, since the one-minute time limit isn't long enough to ensure that every "word" created in a combination is really a word.

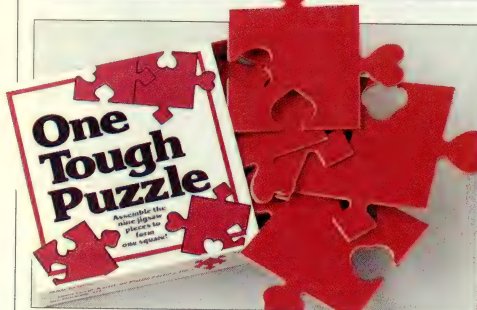
All the elements of this fascinating new game work together to create a surprisingly intense playing experience. And afterward, the post-mortem revelations of intended words and unchallenged bluffs are almost as much fun as the game itself.

—Burt Hochberg



WRDZ

ETCETERA ETCETERA ETCETERA ETCETERA ETCETERA ETCETERA ETCETERA ETCETERA ETCETERA



Just in case you haven't had your fill of jigsaw puzzles this issue, here's one more. The 1,000-piece, 20" x 27" **Celestial Planisphere** puzzle (Great American Puzzle Fac-

tory, \$15) is not only an accurate plan of the heavens, it glows in the dark (so you can work on it after lights out). A fascinating 30-page book about astronomy and celestial cartography is included.

The same company also makes **One Tough Puzzle** (\$5), which consists of nine large jigsaw puzzle-type pieces that go together—so they claim (we haven't been able to do it yet)—to form a square with

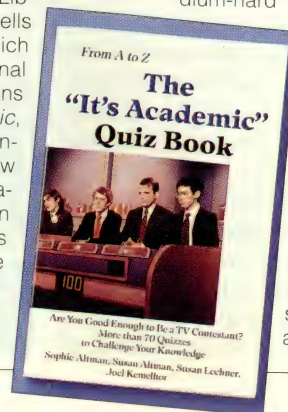
six indents and six outdents. How tough can it be to assemble nine pieces? You'll find out.

Here's a question: The inscription on the Liberty Bell misspells the name of which one of the original 13 colonies? Fans of *It's Academic*, TV's longest-running quiz show (seen on local stations), now can test themselves against the show's high school contestants with

The "It's Academic" Quiz Book

(Acropolis Books, \$10). More than 70 categories of quizzes (each containing 10 medium-hard questions) are ar-

ranged in three runs through the alphabet. This book should be a welcome companion when traveling with a group, or it can be used with any quiz game when you've exhausted the game's questions. The answer to the question above: Pennsylvania.



Company TSR, Inc. **Price** \$17 **Players** 2-6 **Playing Time** Under 1 hour

SIMPLE		COMPLEX
CHANCE		
		SKILL

Two factors make this game particularly enjoyable. One is the constant op-



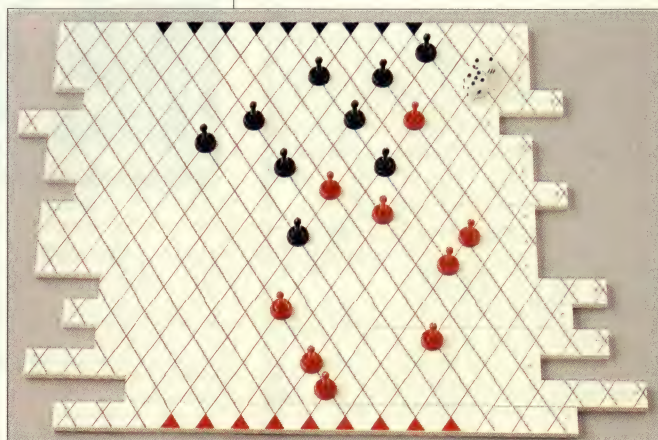
Web of Gold

—Sid Sackson

Company Dash, Inc., Box 13344, San Antonio, TX 78213-0344 **Price** \$17 ppd. **Players** 2 **Playing Time** 30 minutes

SIMPLE					COMPLEX
CHANCE					SKILL

The Variance board comprises 17 numbered strips, which are to be set up so that their red and black lines form a diamond-patterned grid. The pawns—each player has nine—move on the in-



Variance

The rules include two variations, one that allows limited capturing of pieces, another that removes the dice and the

element of chance. Neither one, it seems to me, improves on the elegance of the basic game. Variance comes packaged in a handy drawstring pouch.

—Scott Marley

VIDEO GAMES

GENESIS VIDEO ENTERTAINMENT SYSTEM

Sega of America; console with one controller and *Altered Beast* game, under \$200

The future of video games has arrived. Sega and NEC have just introduced 16-bit video game machines that are nothing less than sensational. In terms of graphics, animation, sound, and color, Sega's Genesis and NEC's TurboGrafx-16



16 (see review at right) put everything before them in the shade. Even if you have no inkling of what 16-bit technology implies, the differences between the old 8-bit Nintendo and Sega systems and the new Sega Genesis and TurboGrafx-16 systems will be clear the moment you turn them on.

During the past couple of years Nintendo has grabbed 80 percent of the video game market—at the expense, of course, of Sega, its largest direct competitor. Nintendo entered the U.S. market in 1986 with two hugely entertaining blockbuster hits—*Super Mario Bros.* and *The Legend of Zelda*—and although Sega later came out with some excellent games, it never managed to recover the lost ground.

With the release of its new 16-bit machine well ahead of whatever Nintendo may be cooking up, Sega has a golden opportunity to close much of the gap. Whether or not it succeeds will be determined not by the machine, which is an engineering marvel, but by the games that Sega and other developers will give us to play on it.

The Genesis machine could hardly be improved; Sega seems to have thought of everything. In addition to the usual game slot, power switch, and controller

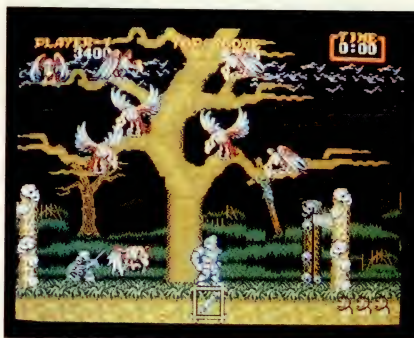
ports, the console features a stereo headphone jack with its own volume control. The controller, crescent-shaped to fit the hands comfortably, has not two but three function buttons, as well as the start button.

Sega has introduced four games for the Genesis, one of which, *Altered Beast*, comes packaged with the machine. The game's colors, sounds, and animation are so breathtaking that it took us quite some time to realize that the gameplay, which is what really matters in the long run, is merely OK. Not bad, not boring, just OK.

As a resurrected Roman Centurion, you have been called upon to challenge Neff, the god of the Underworld. No ordinary being could hope to overcome his awesome power, but thanks to your benevolent gods you are no ordinary being: You have the ability to increase your strength in stages, by defeating increasingly powerful enemies, until you become a snarling, vicious beast capable of meeting Neff. Though only a cleverly disguised, gimmicked-up fight-and-shoot game, it's far and away the most gorgeous we've seen.

Much better is *Ghouls 'n Ghosts*, with its creepy music (you can choose from among 26 selections), atmospheric sound effects (56 choices), and welcome sense of humor.

Your character is a knight in shining



Ghouls 'n Ghosts

armor whose job is to rescue a princess by overcoming hazards, defeating goblins, witches, and other creeps, and generally being brave and performing feats of derring-do. But while doing all that derring, your knight has the embarrassing tendency of losing his armor and running around in nothing but a diaper. But fear not: Some of the treasure chests he encounters along the way contain magic. Others, though, have been cursed, and opening them turns him temporarily into an ineffectual old man or a silly duck.

Ghouls 'n Ghosts is full of wonderful

graphic details. Check out the floating feathers of buzzards you've just killed, and the wind and rain in the second scene is guaranteed to chill you to the bone, especially if all you're wearing is a diaper.

The two other games are *Super Thunder Blade*, a dizzying flying game that has nothing going for it but speed and color, and *Tommy Lasorda Baseball*, which will be reviewed in a forthcoming issue.

A Power Base Converter will allow you to play your 8-bit Sega games through the Genesis. And TeleGenesis will allow two Genesis owners to play head-to-head, even if they're in different cities. These accessories are expected to be available this spring.

—Burt Hochberg

TURBOGRAFX-16

NEC Home Electronics; videogame system with one controller and *Keith Courage* game, \$199

The other 16-bit game machine looking to take a bite out of Nintendo's market dominance is NEC's TurboGrafx-16.

The TurboGrafx-16, like the Sega Genesis, displays 512 colors, a broad palette that gives the images much more depth and realism than the Nintendo's 53 colors. The new machine's resolution is only marginally better than the NES's, but because it can process more information, it can have many more, and much larger, sprites on the screen at once—64, compared to the NES's 32. (A sprite is any moving computer image.) And then there's the hi-fi stereo sound.

All this power comes in an amazingly unassuming package. The game machine itself is a sleek black box with the usual connecting terminals, an on-off switch, a peripheral port covered by a removable hood, and a narrow slot for the games, which, the size of credit cards, can hold up to eight times more information than standard video game cartridges.

The TurboGrafx-16 comes with one TurboPad controller and the game *Keith Courage in Alpha Zones*. One accessory already available is the TurboTap (\$20), a device that allows five players (each using a separate controller) to participate at once. Due soon are the TurboBooster (\$35), which is an audio-visual enhancer, and a CD player (\$400) that plays ordinary CDs as well as special games with CD-quality sound and more complex play.

A game system is only as good as the games, and for its introduction of the TurboGrafx-16, NEC has come up with



TurboGrafx-16

half a dozen state-of-the-art winners.

Blazing Lasers, an outer-space shoot-'em-up, shows off the strengths of the system to a spectacular degree. As your speeding ship is assaulted on all sides by an incredible assortment of ingenious weapons, it picks up photon blasters, power waves, ring blasters, and other handy items that turn your starfighter into a veritable fireworks machine. This game is an amazing viewing experience, and playing it will have you laughing out loud from sheer excitement.

Alien Crush is a pinball game with a gross-out alien motif. Instead of the traditional bumpers, your ball bounces off a bare brain, snapping jaws, blinking eyes and creepy *things* that would make your skin crawl if you saw them in a movie. You can play at either of two speeds, depending on whether you want to keep your ball in play almost



Keith Courage

indefinitely so you can continue watching the yucky stuff on the screen, or whether you'd rather speed things up for a tougher challenge. Hitting a ball into certain side pockets brings up any of several bonus screens filled with even weirder alien life-forms.

Keith Courage in Alpha Zones,

which comes with the system, is an adventure in which your character (Keith) has to run, jump, and fight his way through strange worlds and weird enemies. Keith starts out against fairly benign foes, but soon he's transported to the center of the earth, where he has to deal with some really outrageous meanies. The size of the creatures he has to battle, and the vividness of the colors, add a realism not seen before in any video game. This is a

tough, extremely inventive challenge.

Legendary Axe is a straightforward hack-'n'-slash adventure with cartoon-quality graphics. Your mighty warrior at first has only his axe with which to fight everything but the kitchen sink, but success eventually rewards him with special abilities. When you first see the giant bears lumber across the screen, you'll want to lay down your weapon and sacrifice a life or two just so you can admire the wonderful animation.

A great game for the TurboTap multi-player accessory is **Dungeon Explorer**. Up to five players each choose an adventurer—wizard, witch, elf, and others—and together fight hordes of monsters, as in the classic game Gauntlet. But this is a role-playing game, and adventurers earn various kinds of help as they battle their way through a beautiful but dangerous world filled with goblins, mudmen, and zombies, who, though nicely drawn and animated, do their darnedest to interfere. The game is fine solo, too. The code you're given when you die lets you restart where you left off, a great time-saver.

Out in the fresh air again, **Power Golf** provides an 18-hole course featuring lush greens, thick woods, and all-too-sandy traps for up to five golfers. The game is easy enough to use, with the clubs illustrated on the screen and a close-up map available to view the green and other areas. But it's tough to play well, with some holes well-nigh impossible to par.

It's hard to imagine the many millions of Nintendo fans abandoning that system's huge library of games. But it's even harder to imagine a video-gamer who wouldn't want to get his hands on the exciting TurboGrafx-16 and the next generation of video games.

—Matthew Costello

DON'T GET MAD—GET EVEN!

Gary Brodsky has written the best damn "get even" book ever—"THE ART OF GETTING EVEN." If you're tired of taking crap day after day from jerks who have nothing better to do than make your life miserable—"THE ART OF GETTING EVEN" is the book for you! You'll discover how simple and easy, not to mention *fun*, it is to take your sweet revenge on all the miscreants who've been torturing you!

With "THE ART OF GETTING EVEN" it's no more Mr. Nice Guy! Just as David had his slingshot to slay Goliath, you'll have **Gary Brodsky**, the master of revenge, to guide you against the slings and arrows of outrageous bureaucrats and desk jockeys.



This do-it-yourself justice manual will show you step-by-step such secret dirty tricks as:

**Diamond Studded Revenge
Drug Store Drama
Drive-up Banking Surprise
The Old Beer Blast Maneuver
The Parking Violation Violation**

And many, many more! And they're all perfectly legal! In this 192 page book, you'll find more ways to torment and torture your enemies than anywhere else! And we're not talking kid stuff here! You won't find such old chestnuts like the pizza delivery gag or phony magazine subscription stunts! No, no, no! You'll find such a vast array of revenge tactics that you'll be able to choose just the right scheme to suit your tormentor!

So stop being dumped on! Now's the time to turn the tables! Don't be a wimp, get "THE ART OF GETTING EVEN" today!

☐ Gary—I'm not afraid to make others suffer for screwing with me! Send me _____ copies of "The Art of Getting Even" at \$14.95 (plus \$3.05 for postage and handling) each. Enclosed find either a check or money order for \$

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PRESIDENT WHO?

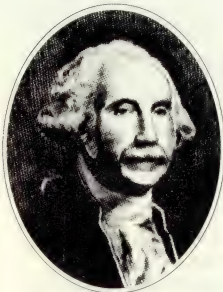
A DO-YOU-KNOW-YOUR-PRESIDENTS? QUIZ
BY JOHN CHANESKI



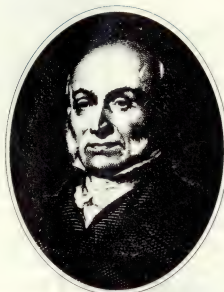
PERHAPS YOU KNOW THAT GEORGE WASHINGTON AND ABRAHAM LINCOLN WERE BOTH BORN IN AUGUST. OR OCTOBER. OR WAS IT VIRGINIA? ANYWAY, THEY HAD SOMETHING IN COMMON.

HERE WE HAVE A CHART OF THE PRESIDENTS, SUCH AS YOU'D FIND IN A CLASSROOM OR ON A PLACEMAT AT A DINER. EVERYTHING IN IT IS ABSOLUTELY CORRECT—EXCEPT FOR THE THINGS THAT AREN'T. FOR INSTANCE, THE NAMES OF MADISON AND MONROE ARE REVERSED. FIND 25 MORE MISTAKES AND WE'LL GIVE YOU AN EXTRA DAY OFF IN FEBRUARY.

ANSWERS, PAGE 57



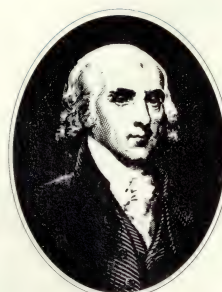
1. GEORGE WASHINGTON
(1776-97, Fed.)



2. JOHN ADAMS
(1797-1801, Fed.)



3. THOMAS JEFFERSON
(1801-09, Dem.-Rep.)



4. JAMES MONROE
(1809-17, Dem.-Rep.)



5. JAMES MADISON
(1817-25, Dem.-Rep.)



6. JOHN QUINCY ADAMS
(1825-29, Dem.-Rep.)



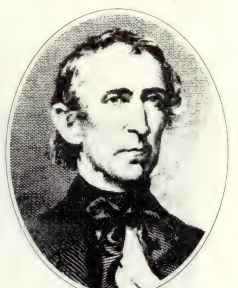
7. ANDREW JACKSON
(1829-33, Dem.)



8. JAMES BUCHANAN
(1833-41, Dem.)



9. WILLIAM HENRY HARRISON
(1841, Whig)



10. JOHN TAYLOR
(1841-45, Whig)



11. JAMES K. POLK
(1845-49, Whig)



12. ZACHARY TYLER
(1849-50, Whig)



13. WILLARD FILLMORE
(1850-53, Whig)



14. FRANKLIN PIERCE
(1853-57, Dem.)



15. MARTIN VAN BUREN
(1857-61, Dem.)



6. ABRAHAM LINCOLN
(1861-65, Rep.)



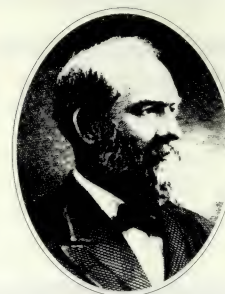
17. DON JOHNSON
(1865-69, Whig)



18. ULYSSES F. GRANT
(1869-77, Rep.)



19. RUTHERFORD B. HAYES
(1877-81, Rep.)



20. JAMES A. GARFIELD
(1881, Rep.)



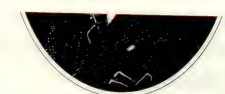
26. THEODORE ROOSEVELT
(1905-09, Dem.)



31. WARREN G. HARDING
(1929-33, Rep.)



32. FRANKLIN DELANO ROOSEVELT
(1933-45, Dem.)



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37. RICHARD NIXON
(1969-75, Rep.)



38. GERALD FORD
(1975-77, Rep.)



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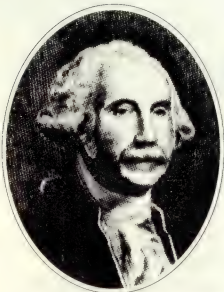
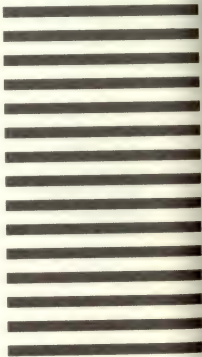
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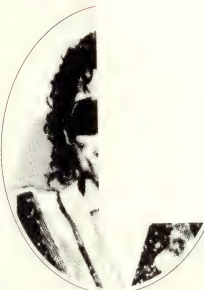
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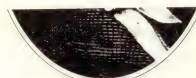
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6. JOHN QUINCY ADAMS
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7. ANDREW JACKSON
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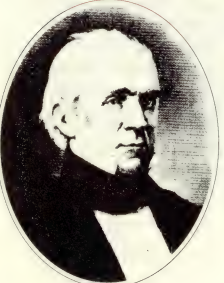
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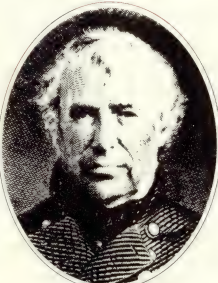
9. WILLIAM HENRY HARRISON
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10. JOHN TAYLOR
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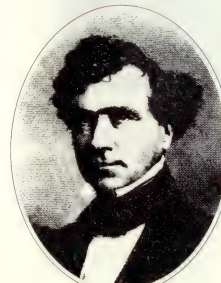
11. JAMES K. POLK
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14. FRANKLIN PIERCE
(1853-57, Dem.)



15. MARTIN VAN BUREN
(1857-61, Dem.)





16. ABRAHAM LINCOLN
(1861-65, Rep.)



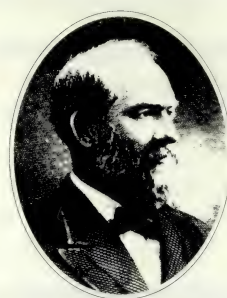
17. DON JOHNSON
(1865-69, Whig)



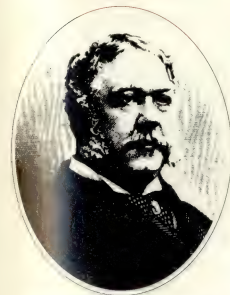
18. ULYSSES F. GRANT
(1869-77, Rep.)



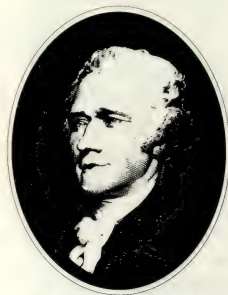
19. RUTHERFORD B. HAYES
(1877-81, Rep.)



20. JAMES A. GARFIELD
(1881, Rep.)



21. CHESTER BEA ARTHUR
(1881-85, Rep.)



22. & 24. GROVER CLEVELAND
(1885-89, 1893-97, Dem.)



23. BENJAMIN HARRISON
(1889-93, Rep.)



25. WILLIAM MACKINLEY
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26. THEODORE ROOSEVELT
(1905-09, Dem.)



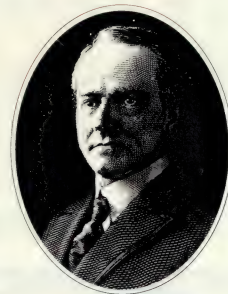
27. HERBERT HOOVER
(1909-13, Rep.)



28. WOODROW WILSON
(1913-21, Dem.)



29. WILLIAM HOWARD TAFT
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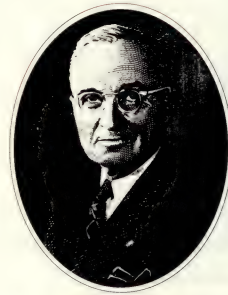
30. CALVIN COOLIDGE
(1925-29, Rep.)



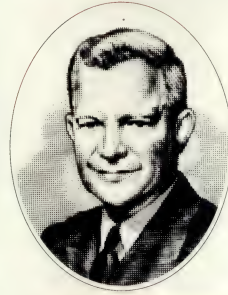
31. WARREN G. HARDING
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(1975-77, Rep.)



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40. RONALD REAGAN
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41. GEORGE BUSH
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CONTEST RESULTS

FROM AUGUST/SEPTEMBER

CROSS PURPOSES

We received over 1,000 comic strips from over 700 entrants, yet not a single drawing was included among them! That's because the object of "Cross

Purposes" was to create a story using only words interlocking in crossword grids.

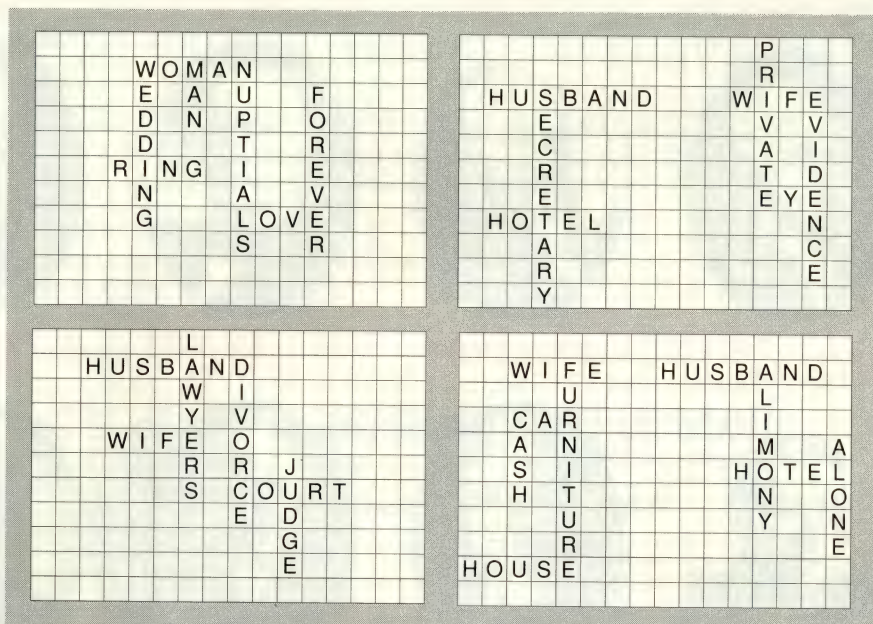
Some of the more common topics depicted were divers going into pools, moon landings, and shipwrecks—especially the Titanic.

The grand prize winner of \$250, cho-

sen for her creativity, originality, and appropriateness, is Rebecca Sanders, of Belcamp, Maryland. Her entry is shown below. GAMES T-shirts go to Susan Miller, Honolulu, HI; Bruce Niedt, Turnersville, NJ; and the three other runners-up whose cartoons are also shown.

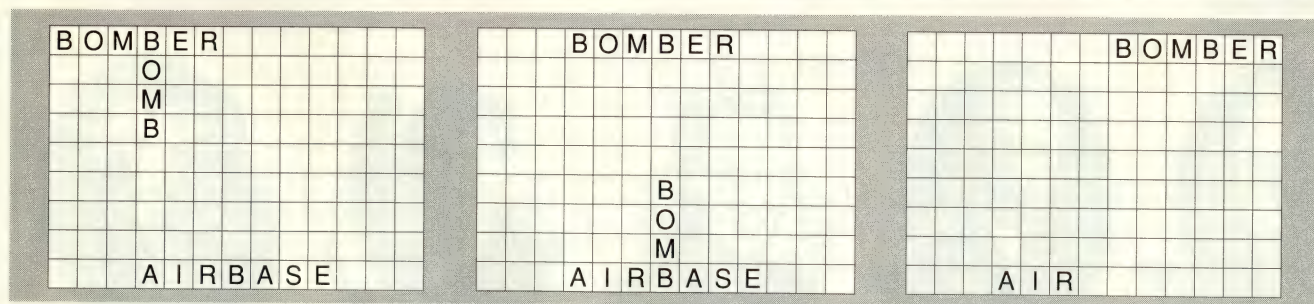
—Margot Seides

Grand Prize Winner

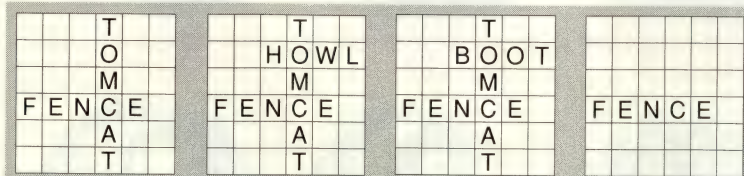


Rebecca Sanders
Belcamp, MD

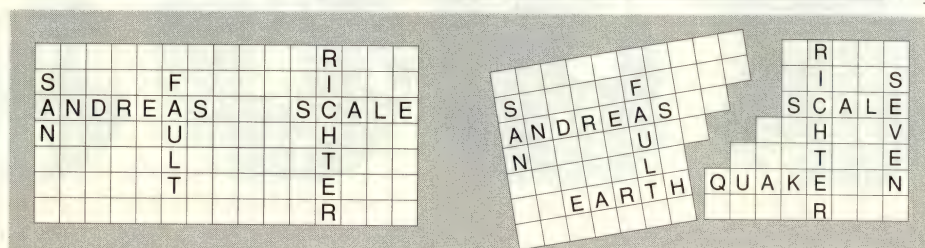
Runners-Up



Nancy Podeszwa
Newtown, PA



"The Cat's Meow"
Ann Stiles
Fayetteville, GA



Jed Martinez
Elmont, NY

FROM OCTOBER/NOVEMBER

100 AND COUNTING!

Question: What do the Denver Zoo and the New Mexico governor's office have in common? Answer: Over the past two months, both places received hundreds of phone calls from some of the 8,400 entrants in our "100 and Counting!" contest.

The object was to answer 100 trivia questions, on topics ranging from Old English to new math, so that every number from 1 to 100 was one of the answers. This rule was what prompted all the phone calls. Some sources gave 76 as the minimum miles per hour of a hurricane according to the Beaufort's wind scale (our intended answer was 73), but 76 was also the number that most sources listed as the acreage of the Denver Zoo. People who called the zoo became even more confused when they were told it had 73.5 acres. According to the rules, that number should be rounded to the nearest integer, 74. But 74 was already taken by another question.

Similarly, some movie guides list the length of *Dumbo* as 63 minutes, matching the New Mexico governor's salary in thousands of dollars. This discrepancy led John Boomer of San Juan Capistrano, California, to call the governor, who responded: "I realize I am running neck and neck with Dumbo, but I have not had a raise from my \$63,000 salary."

Two other questions caused much distress. One asked for the number of strings of a standard piano minus the number of strings of a string quartet. Since there are more than 200 strings in a piano and only 16 in a quartet, most readers understood that the question intended keys of a piano, not strings (see Laundry, page 6). The other question that caused some confusion asked for the capacity of a standard No. 3 can. Different sources listed the answer as 24, 32, 34, 46 (our answer), and 52. We accepted all of them.

The most often missed question asked for the number of vertices on a pentagonal hexecontahedron. While many readers included their source for their answers with their entries, Evan Jones, of Philadelphia, Pennsylvania, sent an actual polyhedron made out of cardboard, with his contest entry inside.

Despite all the difficulties, 35% of the entries had all the correct answers (or allowable variations). The answers (with explanations and acceptable alternates in parentheses) were:

1. 1 ("One Night") 2. 20 3. 31 4. 67 5. 45 6. 7 (7-Up) 7. 36 8. 70 9. 90 10. 96 11. 16 12. 9 13. 78 (or 71) 14. 22 (LXVI - XLIV) 15. 84 16. 26 17. 88 18. 23 19. 100 20. 71 21. 52 22. 82 23. 33 24. 21 25. 42 26. 28 27. 57 28. 17 29. 59 30. 58 31. 54 (*Car 54, Where Are You?*) 32. 65 33. 27 34. 34 (West Virginia) 35. 68 36. 43 37. 76 (or 73 or 74) 38. 64 (or 63) 39. 81 40. 95 41. 46 (or 24, 32, 34, or 52) 42. 75 43. 44 44. 80 45. 83 46. 30 47. 35 48. 91 49. 93 (or 92) 50. 18 (Darryl Strawberry) 51. 86 52. 32 53. 2 54. 97 55. 15 56. 63 57. 39 58. 69 59. 60 60. 40 61. 29 62. 10 63. 73 (or 74 or 76) 64. 6 65. 55 66. 62 67. 12 68. 3 69. 37 70. 41 (Barbara Pierce Bush) 71. 8 (or 10) 72. 19 73. 24 74. 14 75. 61 76. 66 77. 77 78. 13 79. 56 80. 72 81. 50 (*Attack of the 50 Ft. Woman*) 82. 5 ("Echo 3 to Echo 7") 83. 98 84. 85 (or 84) 85. 38 (a=20, b=18) 86. 47 (or 45) 87. 49 88. 74 89. 51 (or 53) 90. 25 91. 87 92. 11 (Van Halen's *OU812*) 93. 92 94. 94 (plutonium) 95. 53 96. 48 97. 89 (89 x 97 x 127 x 179 x 257 x 353 x 401 x 523 x 631 x 773 x 883 x 929) 98. 99 99. 79 100. 4

The grand prize winner of 100 silver dollars, chosen at random from the correct entries, is Robbie Meek of Lawton, OK. Runner-up winners of a 100th issue commemorative GAMES T-shirt are:

Diane Abbott, Chambersburg, PA; David Abolfia, Troy, NY; Luis Aldaz, Flagstaff, AZ; Ron Anderson, Fayette, MO; Mary Arata, Trenton, NJ; Norm Arendell, Spring, TX; Cathy Bame, New Carlisle, OH; Troy Bartlett, Auburn, GA; Dede Benaderet, Bloomfield Hills, MI; Janet Bender, Somerset, PA; Barb Betcher, Red Wing, MN; Greg Biedermann, Oradell, NJ; Lou Scott Bretzke, Arnold, MO; Ethan Budin and Andrew Lane, Cambridge, MA; Shane Canby, Claremont, CA; Neil Case, Lauderdale Lakes, FL; Jeff Christoff, Concord, CA; Paul Cirillo, Bridgewater, NJ; Robin Cohen, Willowdale, Ontario; Marshall Collister, Tremont, IL; Adam Crystal, Oradell, NJ; Virginia Culpepper, Columbus, GA; Helen DiMuro, Maspeth, NY; Timothy Dupay, Newburgh, NY; Stuart Ellison, Glencoe, IL; Barry Englert, Nanticoke, Ontario; Janet Feder, Skokie, IL; Jeffrey Feit, Princeton, NJ; Donna Fink, Hibbing, MN; Jeffrey Fleishman, River Edge, NJ; Alliene Franklin, Granbury, TX; Ken Giesbers, Seattle, WA; Martin Ginsberg, Monsey, NY; James Goddard, Garland, TX; James Grady, Robbinsville, NJ; Heidi Hansell, Sharon, CT; Tom Hartney, Durango, CO; Jerry Hess, Tega Cay, SC; Ronald Horvath, Bethlehem, PA; Kathleen and Shane Hunt, Brookline, MA; Ray Hutchinson, Palm Springs, CA; Al Ide, Portland, OR; Mark Johns, Springfield, VA; Mary Jones, Waldorf, MD; Charles Jorgensen, Concord, CA; Vicki Karol, River Edge, NJ; Rose Kimak, Chambersburg, PA; Amy Kipken, Lewistown, OH; John Knuth, Stanford, CA; Dick Lamb, East Peoria, IL; C.V. Lamprey, White Plains, NY; Andrew Langerman and Mike Fedak, New York, NY; John Lill, Harrisburg, PA; Ben Loomis, Burlingame, CA; Charles Lo Pinto, Brooklyn, NY; Laurie Mallory, College Station, TX; John Marziano, Orlando, FL; Betty Maschman, Sussex, WI; Bob and Toni McCoy, Webster Groves, MO; Ken Metz, Spring-

CONTINUED ON PAGE 59

THE Pipe Dream™ PUZZLER

Hidden in the grid below are 10 words and items that can be seen in the "PIPE DREAM" ad on the back cover of this issue. Find and circle each item. They may read in any direction (across, back, down, up or diagonally), but always in a straight, unbroken line.

When you've circled all 10 items, the unused letters will spell out a great way to sample "PIPE DREAM"!

L	S	D	T	E	N	D
U	W	R	E	N	C	H
C	F	E	K	O	R	T
A	H	A	C	E	R	E
S	K	M	A	G	E	Y
F	S	A	J	D	B	G
I	K	O	T	U	M	E
L	I	G	I	L	U	T
M	L	P	A	S	L	A
D	L	I	R	M	P	R
I	S	P	T	K	E	T
E	T	E	S	T	E	S

ANSWER

The unused letters spell out: "Send for the Kao diskette."

S	E	N	D
U	W	R	E
C	F	E	K
A	H	A	C
S	K	M	A
F	S	A	J
I	K	O	T
L	I	G	I
M	L	P	A
D	L	I	R
I	S	P	T
E	T	E	S

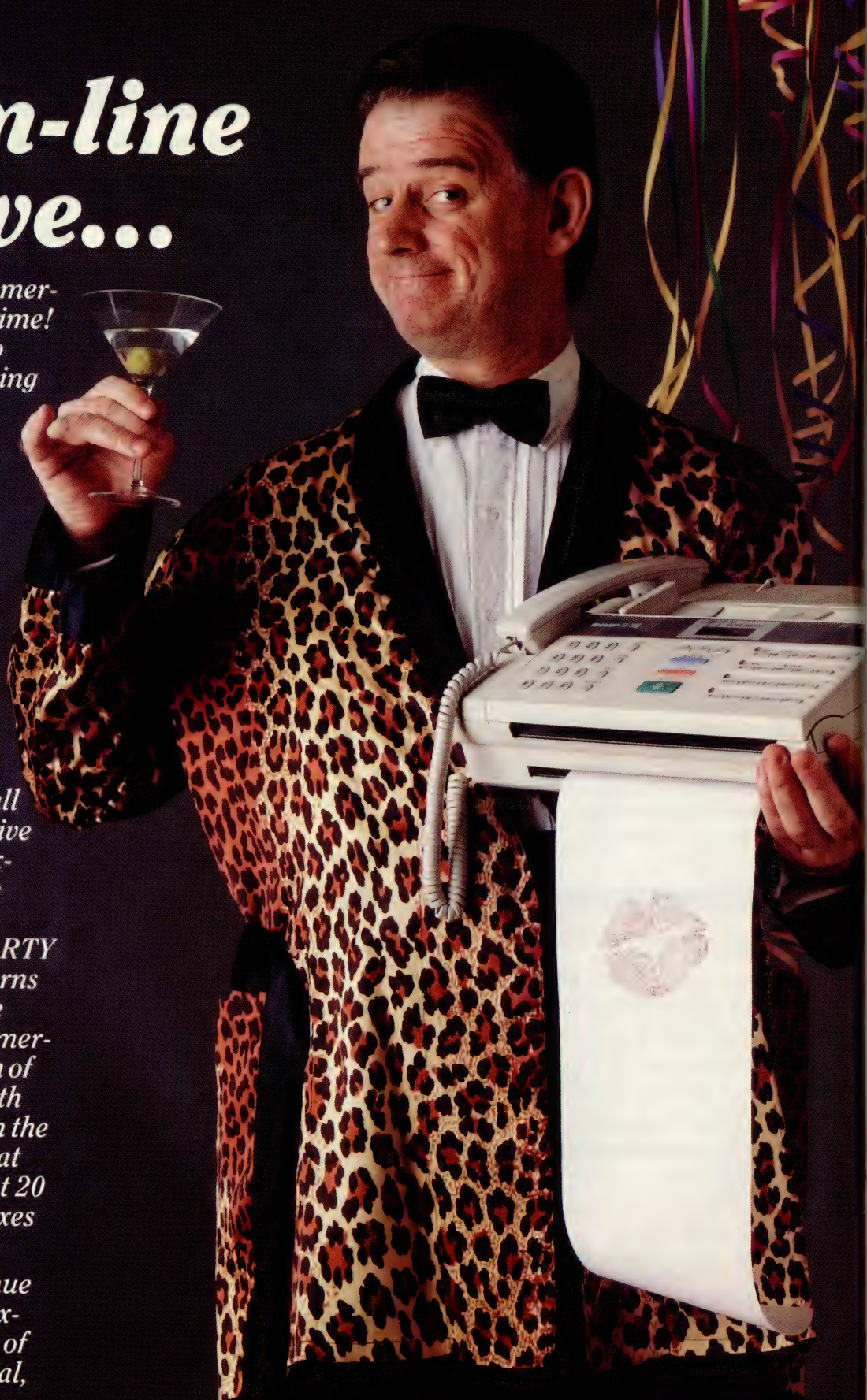
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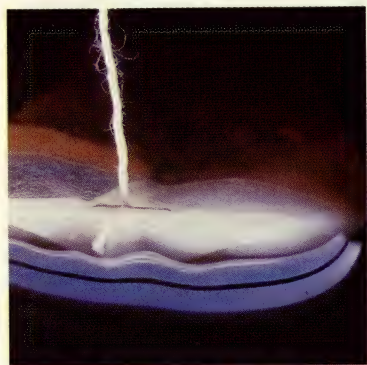
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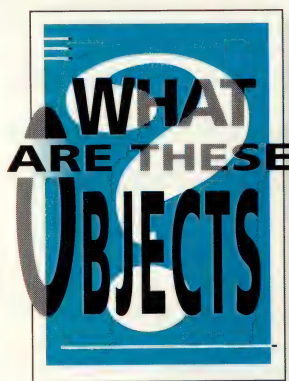
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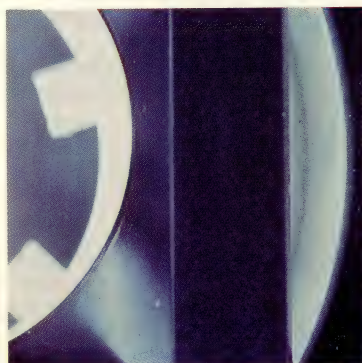
4



CLUES: 1. Brew-ha-ha 2. Running start
3. Match maker 4. Strike one!
5. The answer is blowin' in the wind 6. This
requires sound thinking 7. Screwy idea?
8. Drawing straws ANSWERS, PAGE 60



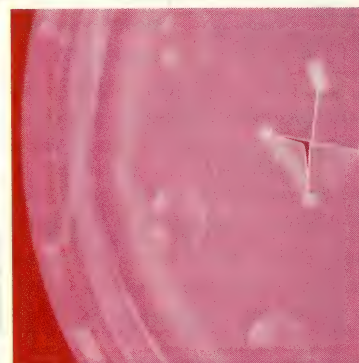
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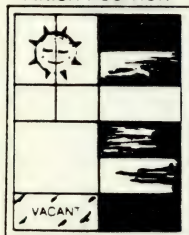
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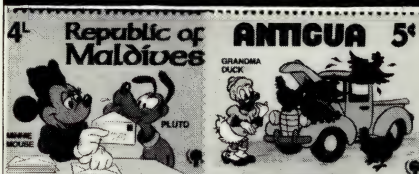
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EDITED BY PETER GORDON

WORDPLAY

LETTER SUSPENDERS

Reduce the word MUSTACHE to a single letter in seven steps as follows: At each step, drop one letter and rearrange the rest into a common, uncapitalized word. No word should be a form of a preceding word.

—Ogden Porter

TWISTS

TABLOID TELEVISION

Go ahead—laugh at those tabloid headlines that read MIDGET LOCKED IN SAFE FOR EIGHT DAYS. Quite a few of the TV shows we watch faithfully have plot lines that sound just as bizarre. How many of the shows described in the headlines below can you identify?

1. SUBURBAN "WITCH" JUST LIKE GIRL NEXT DOOR, SAY NEIGHBORS
2. FAMILY PET IS 650-POUND BEAR!
3. SEXY ACTRESS, FOUR MEN MARRIED IN SOUTH PACIFIC FOR THREE YEARS
4. MONSTER LIVES UNDER STAIRS IN FLAT-HEADED MAN'S MANSION
5. "MY ROOMMATE IS AN ALIEN" CLAIMS COLORADO CUTIE
6. NASA ASTRONAUT LIVING WITH 2,000-YEAR-OLD SORCERESS
7. MILD-MANNERED MAN BECOMES HUGE GREEN MONSTER WHEN ANGERED!
8. FARMER TREATS PIG LIKE SON: "HE LOVES TO WATCH TV"
9. BLACK AND WHITE UFO SEEN OVER PUERTO RICO CONVENT—"IT'S A MIRACLE" SAY RESIDENTS
10. VIOLENT DEATH FOLLOWS MATRONLY WHODUNIT WRITER WHEREVER SHE GOES!
11. EX-ASTRONAUT CAN RUN MILE IN UNDER A MINUTE!
12. IS SEASIDE COTTAGE HAUNTED? NEW ENGLAND TOWNSPEOPLE THINK SO
13. GRUMPY CREATURE DISCOVERED LIVING IN GARBAGE CAN!

—Stephanie Spadaccini



FOR THE RECORD

NATIVE SPEAKING

If we were to believe the old movies, the language of the American Indian consisted of little more than the greeting "how." In reality, native Americans added a large number of words to the English language. Exactly half of the 20 words in the list below are derived from the languages of North American Indians. Can you guess which words?

beaver	prairie
birch	raccoon
buffalo	sassafras
chipmunk	skunk
elk	squash
moccasin	squirrel
moose	succotash
opossum	tom-tom
pinto	totem
powwow	turkey

—Kathi Eickstadt

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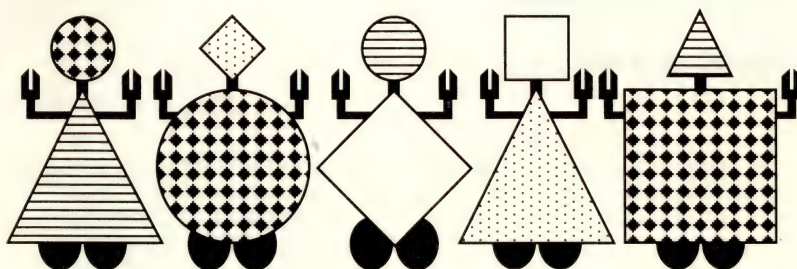
Here are the five robots from the assembly line at Rossum's Universal Robots, Ltd. As you can see, their heads and bodies are of four shapes (circle, diamond, square, and triangle) and four patterns (checks, dots, lines, and blank).

These robots' heads have been

misassigned: Each head should match its body in shape, pattern, or both, provided that the square head is not assigned to the square body (it looks too blocky).

Can you reassign the heads correctly?

—Bob Stanton





IN OTHER WORDS

HUNGARIAN 101

You don't need to know Hungarian to take this test—just match the 15 Hungarian words (1-15) with their English translations (a-o), and see if you aren't surprised at just how much Hungarian you know.

1. *bífsztek*
 2. *büfé*
 3. *despota*
 4. *expressz*
 5. *fagypont*
 6. *gázpedál*
 7. *gusztus*
 8. *kapitány*
 9. *nulla*
 10. *pilótafülke*
 11. *postaláda*
 12. *rágógumi*
 13. *spárga*
 14. *templon*
 15. *zeller*
- a. accelerator
 - b. asparagus
 - c. captain
 - d. celery
 - e. chewing gum
 - f. church
 - g. cockpit
 - h. freezing point
 - i. mailbox
 - j. snack bar
 - k. special delivery
 - l. steak
 - m. taste
 - n. tyrant
 - o. zero

—Ruth Freedman

LOGIC

ZOO TO-DO

Lou's zoo got a blue gnu, but nothing else new, yesterday afternoon at 2:02. Lou's zoo now has one more kangaroo than cockatoo, four more gnus than the total of moose and shrews, but one more shrew than kangaroo. Prior to Lou getting his new blue gnu, he had two times as many gnus as moose, but three times

as many moose as kangaroos. Lou's kangaroos outnumber his cockatoos two to one, and the moose outnumber the shrews two to one, too. How many gnus, moose, shrews, kangaroos, and cockatoos can you view at Lou's zoo (including the new blue gnu, too)?

—Jason Parsons

TEASERS

IN SHORT

What do the following common abbreviations have in common?

- | | |
|----------|--------|
| B.M.O.C. | E.R.A. |
| C.O.D. | M.I.A. |
| D.N.A. | N.O.W. |
| E.P.A. | R.A.F. |

—Trip Payne

TORMENTORS

BIG CHANGE

I give each of my seven children a dollar allowance. Each child gets the same number of coins (using only quarters, dimes, nickels, and pennies), but no two children get the same combination of coins. What's the fewest coins I need to pay all the allowances?

—Jean Goldsberry

WORDPLAY

WORDLINGS

The suffix -LING means "small," "young," or "insignificant," as in words like DUCKLING, SEEDLING, and WEAKLING. With this in mind, we've come up with new meanings for a number of words ending -LING. For example, "Minor Hollywood actor" would be a STARLING. Can you guess the right word for each new definition below?

1. A very short farm worker
2. A devalued dollar
3. A cut-rate doctor's bill
4. A mongrel pup
5. A shorter version of a card game like bridge
6. Petite clothes
7. A small amount of iron corrosion
8. A tiny knotted ribbon
9. A minor drug arrest
10. An ultra-tiny bloodsucking insect

—Lori Zlatkin

TWISTS

MAXIM MIX-UP

We've taken ten well-known sayings and rearranged the words from them to form the nine sentences below. For instance, the words in BLOOD IS THICKER THAN WATER can be found in sentences 1, 3, 8, 5, and 6. Can you reconstruct the other nine sayings from the remaining words?

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3. Discretion is a dull thing.
4. Don't attract chickens before they throw glass.
5. Jack is a better boy than Bush is.
6. No part is golden in water.
7. People who work in silence and speak in words are opposites.
8. The thicker hand houses all the knowledge.
9. Valor makes your actions worth little.

—Fraser Simpson

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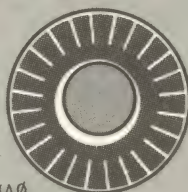
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IN OTHER WORDS

HUNGARIAN 101

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 10. *pilótafülke*
 11. *postaláda*
 12. *rágógumi*
 13. *spárga*
 14. *templon*
 15. *zeller*
- a. accelerator
 - b. asparagus
 - c. captain
 - d. celery
 - e. chewing gum
 - f. church
 - g. cockpit
 - h. freezing point
 - i. mailbox
 - j. snack bar
 - k. special delivery
 - l. steak
 - m. taste
 - n. tyrant
 - o. zero

—Ruth Freedman

LOGIC

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—Jason Parsons



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—Lori Zlatkin

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Answer

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ANSWERS

46 PRESIDENT WHO?

We found the following 34 mistakes:

- George Washington became president in 1789.
- Washington had no mustache.
- John Adams's picture shows John Quincy Adams, and vice versa.
- James Madison, pictured correctly as the 4th president, is listed as James Monroe, and Monroe, shown correctly as the 5th president, is listed as Madison.
- Andrew Jackson served from 1829-37; Martin Van Buren from 1837-41.
- Andrew Jackson's picture shows Michael Jackson.
- James Buchanan, listed and pictured as the 8th president, was the 15th. Martin Van Buren, listed and pictured as the 15th president, was the 8th.
- John Tyler, not Taylor, was the 10th president.
- James K. Polk was a Democrat, not a Whig.
- Zachary Taylor, not Tyler, was the 12th president.
- Millard Fillmore, not Willard Fillmore, was the 13th president.
- Abraham Lincoln was not bald.
- Andrew Johnson, not Don Johnson, was the 17th president.
- Johnson was not a Whig. He was a Democrat elected with Lincoln, a Republican, on the Union ticket. (Count any of the answers "Democrat," "Republican," or "Union" correct.)
- Ulysses Grant's middle initial was S, not F.
- Chester Arthur's middle name was Alan, not Bea.
- Grover Cleveland's picture incorrectly shows Alexander Hamilton.

- William McKinley's name is misspelled.
- McKinley served from 1897-1901; Theodore Roosevelt from 1901-09.
- Theodore Roosevelt was a Republican, not a Democrat.
- Herbert Hoover, listed as the 27th president and pictured as the 29th, was actually the 31st. William Howard Taft, listed as the 29th, was actually the 27th. Warren Harding, listed and pictured as the 31st, was actually the 29th.
- Harding served from 1921-23; Calvin Coolidge from 1923-29.
- The 30th president was Calvin Coolidge, not Calvin Cooler.
- Thomas Dewey is incorrectly listed under the picture of Harry Truman, the actual 33rd president.
- Dwight Eisenhower was bald.
- Current vice-president Dan Quayle is not Jack Kennedy.
- Johnson's first name was Lyndon, not Linden.
- Johnson was a Democrat, not a Republican.
- Richard Nixon served from 1969-74; Gerald Ford from 1974-77.
- Jimmy Carter has no teeth missing from his famous smile.
- Ronald Reagan's picture is backward.

Illustrations 1—Hai Knafo; 7, 34, 41,—Noli Novak; 16, 17, 35—Nancy Januzzi; all others from THE LOOK-IT-UP BOOK OF PRESIDENTS, by Wyatt Blassingame, illustrated by Ted Lewin. Copyright © 1968 by Random House, Inc. Reprinted by permission of the publisher.

31 CRYPTIC CROSSWORD 1

ACROSS

- Thematic (maTHEMATICS)
- Studio (do suit)
- Rural (R + Ural)
- Largeness (simiLAR GENES Sometimes)
- Dahlia (sail + had)
- Temples (two meanings)
- Ringside (desiring)
- Suite (sweet)
- Buggy (two meanings)
- Desserts (stressed)
- Disturb (Di + burst)
- Majorca (jam + or + c + a)
- Evergreen (revere Gen.)
- Yards (dry as)
- Tapers (tapirs)
- Candidly (lid + candy)

DOWN

- Tirade (I + trade)
- Earthing (large hint)
- Allying (Al + lying)
- Isles (aisles)
- Thermos (Mother's)
- Dwell (d + well)
- Obsessed (ed. + bosses)
- Fritters (two meanings)
- Indebted (but - u + indeed)
- Interbred (interred + B)
- Obedient (need obit)
- Younger (Reno guy)
- Enjoyed (Deny Joe)
- Marshy (Mars + hy)
- Sleep (peels)
- Mania (man + I + a)

31 CRYPTIC CROSSWORD 2

ACROSS

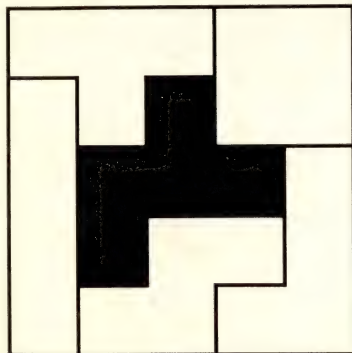
- Heavy metal (lama they've)
- Abet (degeneraTE BABylon)
- Illiterate (ill + iterate)
- Asta (AlSaTiAn)
- Heels (heals)
- Shoreline (lions here)
- Installment (snit + tall men)
- Abridgement (meant + bridge)
- Bob Marley (barley + mob)
- Theta (the + T + a)
- Inns (in + N + S)
- Industrial (Indus + trail)
- Gulp (plug)
- Asthmatics (at this scam)

DOWN

- Height (h + eight)
- All set (Stella)
- Yetis (is + yet)
- Earls (laser)
- Astrolabe (roastable)
- Bassinet (bass + I + net)
- Travesty (a + vest + try)
- Pellet (let + Pelé - é)
- Indian (in + Di + an)
- Swellings (sings + well)
- Rambling (lamb + ring)
- Tribunal (trial + bun)
- Gemini (gem + in + I)
- Callas (call + as)
- Youth (you + th)
- Tetra (treat)

26 POLISH YOUR WITS

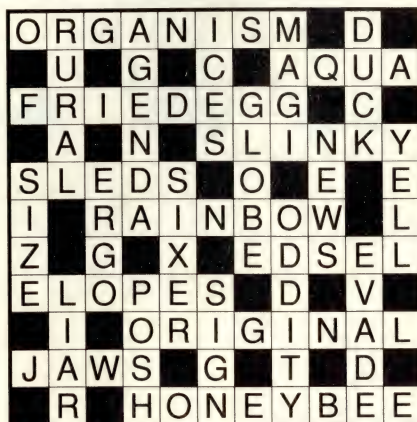
- Each number is the product of the digits of the preceding number.
- The price this year is 262 zlotys, while eight years ago it was 4 zlotys. The prices for the years in order were 4, 10, 14, 24, 38, 62, 100, 162, and 262 zlotys.
- The answer shown can be rotated or reflected:



- The solution uses the number 4:



20 COLOR CROSSWORD



"Colour Crossword" is a trademark of Wellingtons Ltd.

FAKE AD

The Fake Advertisement announced in the Table of Contents was for FAX-LOVE and appeared on page 50. Photo by Carl Walther.

18 LOVE CODES

1. a
2. b
3. c
4. b
5. b
6. a
7. b
8. c
9. d
10. a-i, b-vi, c-ii, d-iii, e-v, f-iv
11. a-ii, b-i, c-vi, d-v, e-iv, f-iii
12. a, c, e (his favorite attire, by the way, is a nice sports jacket with dress pants)

40 THE STATE VS. JOSEPH HILL

The correct verdict is "Not Guilty."

Mrs. Hunter can be ruled out as a suspect because she had no motive. She testified that only three people could have committed the murder.

The opportunity of the defendant Hill and Mrs. Ball was at night; that of Meek in the bright morning at 7:05.

Therefore, the murderer must have been Burton Meek. Flies and mosquitoes naturally fly toward the window when a room is darker than the outdoors (which is why indoor houseflies bounce against the window all day when it's sunny outside). As all the insects were found dead on the sill, it must have been daylight when the gas that killed Bragg was turned on.

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16 WHICH IS WHICH?

1. Left: Hardy; right: Laurel
2. Left: Lehrer; right: MacNeil
3. Left: Cagney; right: Lacey
4. Left: Japanese; right: Chinese
5. Top: alligator; bottom: crocodile
6. Left: Siskel; right: Ebert
7. Left: Janet; right: Vivien
8. Left: Ernie; right: Bert
9. Left: Whopper; right: Big Mac
10. Left: Monet; right: Monet
11. Left: Vermont; right: New Hampshire
12. Left: Abbott; right: Costello
13. Left: Eva; right: Zsa Zsa
14. Left: Hutch; right: Starsky

Photo credits: McNeill/Lehrer Productions (2); © New York Zoological Society (5); Buena Vista Television (6); Children's Television Workshop; Ernie photo by Anita and Steve Shevett; Bert photo by Richard Termine (8); Whopper ® photo by Gamma (Chicago); Big Mac photo property of McDonald's (9); © Rosenthal Art Slides, courtesy of the Metropolitan Museum of Art (10)

32 DOUBLE CROSS

- | | |
|-----------------------|------------------------|
| A. RUBBLE | M. EMBOWER |
| B. EMPIRE OF THE SUN | N. WIDOW |
| C. DOORS | O. I'LL TAKE MANHATTAN |
| D. SPYCATCHER | P. NOON |
| E. MAULS | Q. THE WAY IT IS |
| F. IACOCCA | R. ESAU |
| G. TANGO IN THE NIGHT | S. RUFOUS |
| H. HEBREW | T. THE PRINCIPAL |
| I. IMMORAL | U. IDAHO FALLS |
| J. NEW YEAR | V. MAN AND SUPERMAN |
| K. TOBACCO ROAD | W. ESCUDOS |
| L. HULLABALOO | |

An insatiable reader with a flair for military history, [Garry] Schumacher would encapsulate a war in a sentence or two of baseball idiom. Thus he summed up the Napoleonic campaigns: "Napoleon coulda took Moscow. Trouble was, the bum had no bench."—Red Smith, (*Strawberries*) in the *Wintertime*

25 CAPPING IT OFF

1. Cap and Gown
2. Capsize
3. Caption
4. Capricorn
5. Cap Gun
6. Capsule
7. Capulet
8. Cappuccino
9. Capitol
10. Capri
11. Capote
12. Capistrano
13. Cap'n Crunch
14. Capillaries

38 GLOVE STORY

1. Mike Tyson
2. Michael Jackson
3. Johnny Bench
4. Freddy Krueger
5. Mickey Mouse
6. Neil Armstrong
7. Batman
8. Sir Lancelot
9. Hawkeye Pierce
10. Wayne Gretzky
11. Buffalo Bill
12. Marilyn Monroe
13. Julia Child
14. Mario Andretti

WILD CARD ANSWERS

LETTER SUSPENDERS

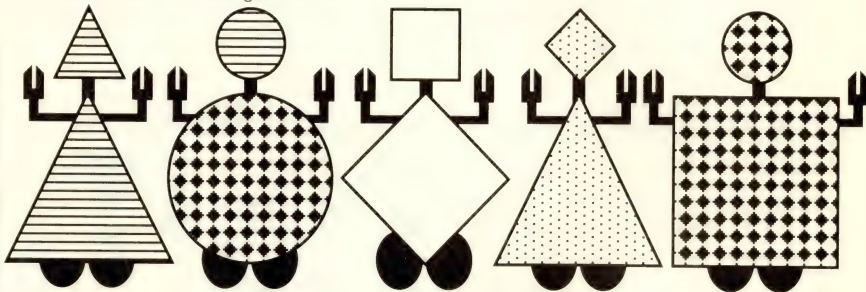
One solution is: MUSTACHE, MATCHES, CHASTE, HATES, EAST, SAT, AS, A.

TABLOID TELEVISION

1. *Bewitched*
2. *Gentle Ben*
3. *Gilligan's Island*
4. *The Munsters*
5. *Mork and Mindy*
6. *I Dream of Jeannie*
7. *The Incredible Hulk*
8. *Green Acres*
9. *The Flying Nun*
10. *Murder, She Wrote*
11. *The Six Million Dollar Man*
12. *The Ghost and Mrs. Muir*
13. *Sesame Street*

R.U.R., LTD.

The heads should be reassigned as shown:



NATIVE SPEAKING

The words of American Indian origin are chipmunk, moccasin, moose, opossum, powwow, raccoon, skunk, squash, succotash, and totem.

HUNGARIAN 101

- 1-l, steak
- 2-j, snack bar
- 3-n, tyrant
- 4-k, special delivery
- 5-h, freezing point
- 6-a, accelerator
- 7-m, taste
- 8-c, captain
- 9-o, zero
- 10-g, cockpit
- 11-i, mailbox
- 12-e, chewing gum
- 13-b, asparagus
- 14-f, church
- 15-d, celery

Adapted from Words, Ltd., Molokai, HI 96742

MAXIM MIX-UP

1. A bird in the hand is worth two in the bush.
2. A little knowledge is a dangerous thing.
3. Actions speak louder than words.
4. All work and no play makes Jack a dull boy.
5. Discretion is the better part of valor.
6. Don't count your chickens before they are hatched.
7. Opposites attract.
8. People who live in glass houses shouldn't throw stones.
9. Silence is golden.

ZOO TO-DO

Lou has 13 gnus, 6 moose, 3 shrews, 2 kangaroos, and 1 cockatoo.

IN SHORT

All the abbreviations are common words spelled backward.

BIG CHANGE

I'll need at least 112 coins, giving each child 16 coins in these combinations: (1) 3 quarters, 3 nickels, 10 pennies; (2) 2 quarters, 4 dimes, 10 pennies; (3) 2 quarters, 9 nickels, 5 pennies; (4) 1 quarter, 4 dimes, 6 nickels, 5 pennies; (5) 1 quarter, 15 nickels; (6) 8 dimes, 3 nickels, 5 pennies; (7) 4 dimes, 12 nickels

WORDLINGS

1. Handling
2. Buckling
3. Feeling
4. Curling
5. Whistling
6. Garbling
7. Rustling
8. Bowling
9. Bustling
10. Tickling

33 FOR PINHEADS

BURG ACED ASSES
ONEA BONE STPAT
SPLITENDS PRATE
SEE ALFA PEERAT
ANTIC ALDENTE
GOBBLER CREE
ATHOME SRS HILT
BRA ADS NOM BIT
LOVE EUR NASSAU
EDEN VEEJAYS
ATFIRST DEARS
MABELL AIDA TEA
OMANI ALLEYOOPS
NOLTE KEEN FLEE
ARLES ASST ALLS

34 WEAR AM I?

GOOSE FLOP BASH
ARCED RIDE UREY
FACTS ADDRESSED
FLUB HISS ABODE
PAPAL IRONY
BEACON HINNY
RANKED ADV SOCK
IST TIZZIES ULA
MESA CEE STATUE
SPANS TINSEL
SATUP DEREK
DOLOR WOOD MICE
INPURSUIT BORAX
LIEN ISNT ONTAP
LAND LAKY YESNO

24 WAY TO GO

AGWRACROSSONDITVREN R
UNDERACROSSIENOELIVO
TIEDRAWKCA BW HGIRANIC
UKLEFTTORIGHTRWTL ENE
RADETEFELGNIDA EHS ZSH
NMDDLHOLPSLMNORCHEAT
SIRFINDDIRATGOHAAPED
DRAWTSEWEGRI LKELAO TN
THWTINS GIGNIEENLP TTU
YHP IUSCENTEREDWYUONO
OLURLREIWDHISNLOGTMR
TYLLATNOZIROHESONMUA
LMUAGCDHWHEAUREAIO LT
WGNZNPIESGPQHTLTOTOR
ANDILONAGEISSISENGTCI
WHRESGGADLANATVND OAG
IRC DIEZABCTIGONWEBNH
AENRREM OIOESREVERNIT
SVIAEMNEGDEEHTGNOLAG

35 WHAT'S UP DOCK?

AGA RASPS LOPS REZA
LIS ALOOP IDEA EXAM
IDS HAULBOARD TENO
EDITS IRON ABUSES
NASH SACKS ATTAR
PIERPRESSURE SNIDE
QUITS SEMITONES
ADJUSTS SHE PREFABS
CROAK TIE FEAST
HUEY WHARFFARE HANG
NORAS TUX AERIE
MARINER AYR ANDJILL
OPENENDED ERODE
BESET ITOLDYOUSTOW
COINS OREOS TBAR
SAMOAN BLOB KYOTO
OMAR GOTALOADON ISA
LAMP OREL PLUTO SOS
ODES TAXI SLEET TNT

36 BRIEF STATEMENTS

HILL BEDEW LAID
ANJOU OLIVE ARGO
DEACONJONES RIOT
OCTAVO ANTBEAR
NTH OUCH WAD
MIRO GINJOINT
EDGED PHONO CIA
XOUT STOOD BENJI
ART EMEND PEDAL
MASONJAR TILT
COL SONJA ODE
PLAYLET UTOPIA
WAYS CROWNJEWELS
ANNE AIRTO ERLE
SEXY REESE DAYS

37 SPLIT PERSONALITIES

LLB DACCA CALM SWAB
ADIEU OHARE OLIO LIDO
WESTCHESTER HILLBILLY
SWANKER MORES LANDED
OLES TOBIN HUNGERS
HELMED UNIS GASES
ALOAD BLACKJACK WDS
SIGN OWES ELK TAHOE
AAA PRIMADONNA MOBILE
NOODLE EVANS ELATED
CABINET GRAVY BRIBERY
AMELIA GRETA PREFAB
UNREEL LAKELOUISE ILL
LORDS HEN BRET BRIO
STY SANDPIPER KICKS
LATIN EMUS TITHES
APPAREL TEPEE MENT
BRANCA SANER ANGELES
BENCHMARK DIAMONDRING
OGEE ETTIE ELMER ONSET
TOSS DEAN SEPTI MST

SOLVING TIMES FOR THE TOURNAMENT CROSSWORDS

Page	Time Limit	Est. Avg. Solving Time	Winner's Time
33	15 mins.	9 mins.	4 mins.
34	20 mins.	11 mins.	4 mins.
35	30 mins.	14 mins.	7 mins.
36	25 mins.	13 mins.	6 mins.
37	45 mins.	26 mins.	9 mins.

27 BRAIN TEST

- Part 1** 1. Winnow; 2. Attest; 3. Buffet; 4. Grippe; 5. Common; 6. Offish; 7. Dabble or dapple; 8. Afford; 9. Sullen; 10. Pretty; 11. Cheese; 12. Assure; 13. Midday; 14. Accent; 15. Puzzle
- Part 2** 1. Mudslinging; 2. Mathematics; 3. Rhinestones; 4. Stomachaches; 5. Oligopolist; 6. Seventeenth
- Part 3** Cucumber, cucumber
- Part 4** 1. Pakistan; 2. Indonesia; 3. Guatemala; 4. Mongolia; 5. Ireland; 6. Honduras; 7. Cameroon; 8. Colombia; 9. Argentina; 10. Switzerland
- Part 5** Sponged

How Did You Score? Ratings:

- 96-100 points: Genius
82-95 points: Exceptional
70-81 points: Superior
55-69 points: Good

CONTEST RESULTS (CONT. FROM PG 49)

field, OH; Roger Milam, Columbia, MD; Donald Morizot, Smithville, TX; B.J. Niemeier, Huntsville, OH; John Palmieri and David Van Stone, Somerville, MA; Sara Jean Parker, Salinas, CA; Gail Paulson, Denver, CO; Elizabeth Pawlisz, Washington, DC; Adele Peters, Lakeview, OH; Jonathan Powell, Wichita, KS; Tara Rapp, Wading River, NY; Greg Ronan, Stanford, CA; MaryLou Ronan, Glen Oaks, NY; C. Sambuchino, Philadelphia, PA; Michelle Schofield, Milwaukee, WI; Timothy Schroeder, Hazlet, NJ; Mark Schwing, Hoffman Estates, IL; Tia Serspinski, Oradell, NJ; William Shrader, Stow, MA; Harvey Sigal, Suffern, NY; Mike Silvia, Somerset, MA; John Simeoni, Hawthorne, CA; Fran Sims, Rockledge, PA; Charles Smith, Aurora, CO; Jason Smith, New Haven, CT; Jeff Steenerson, Apple Valley, CA; Tim Stephens, Wernersville, PA; John Sweeney, Bloomington, IL; Keith Talon, Augusta, ME; Albert Taylor, Corvallis, OR; Jane Townsend, Buffalo, NY; Douglas Ulreich, Park Forest, IL; Lynn Van Dyke, Chicago, IL; Larry Vezina, Milwaukee, WI; John Wallin, Mountain View, CA; Joseph Weber and Norma Bell, Arlington, VA; Renee Weiss, Washington, PA; Doug Westmoreland, Mt. Airy, GA; Rory Wilson, Champaign, IL; J. Winchester, Lyndhurst, OH; and Shirley Wolf, Rockville, MD.

—Peter Gordon

THE SEAGRAM'S 7 Challenge Jukebox Boggler

This puzzle is based on some key elements found in the Seagram's "7" advertisement on the opposite page.

To solve: Fit the words listed below into the grid so they interlock as in a crossword. Each word will be used exactly once.

3 LETTERS

ARM
ICE
LEG
RED

DANCE
FLOOR
GLASS
GLARE
GREEN

4 LETTERS

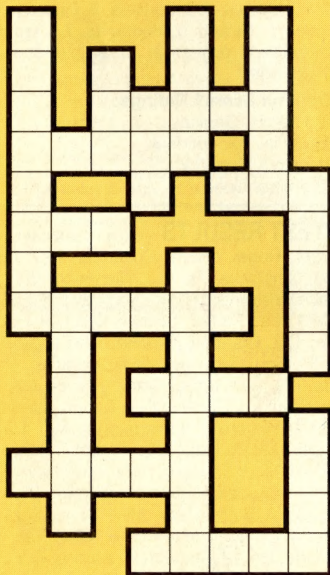
FOUR
NEON
SHOE

6 LETTERS
PURPLE
SPIRIT

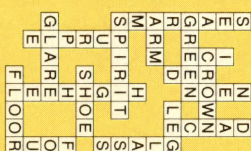
5 LETTERS

CROWN

8 LETTERS
SEAGRAM'S
HIGH HEEL



ANSWER



CONSOLIDATED CAN COVER

Top row (left to right): Canada Dry Ginger Ale, Dr. Pepper, Slice, Sunkist
Second row: Yoo-hoo, RC Cola
Third row: Orange Crush, Schweppes Ginger Ale, Pepsi, 7-Up
Bottom row: Sprite, Coca-Cola Classic

25 RIDDLE ME THIS



The answer to the riddle ("What do you call a row of rabbits all going backwards?"): A RECEDING HARE LINE.

23 MARCHING BANDS



30 DSZQUPHSBNT!

- CRYPTOON. "That kid's got too many toys. He sings 'For He's a Jolly Good Fellow' whenever I send him to his room."
- HUM A FEW BARS. "If true computer music were ever written, it would only be listened to by other computers." —Michael Crichton
- SHARP PLANNING. Pencil manufacturers must be optimists; they give us forty times as much lead as they do eraser.
- TRICKS OF THE TRADE. Shady paperback dealer earns millions off the books, according to LP salesman speaking off the record.
- EAST MEETS WEST. Lucky travelers given Berlin Wall souvenir return with chip off the Communist Bloc.
- PUH-LEASE! Cartoon buff, admiring original animation drawing on wall, asks friend, "Who framed 'Roger Rabbit'?"
- LUCKY BREAK? Upon uncovering ushers urging undertakers upstairs, usually unhappy under-study undergoes upbeat U-turn.

51 EYEBALL BENDERS

- Floating tea bag
- Faucet and water
- Tennis racket
- Matchsticks
- Child's pinwheel
- Castette tape
- Light bulb
- Plastic top of cup

28 FUNNY VALENTINES

The couples and their gifts are:

- Lois and Steve; leis, stove
- Hope and Ray; rope, hay
- Cindy and Matt; candy, mitt
- Mae and Tip; map, tie
- Cora and Lyle; cola, lyre
- Kate and Bill; kite, ball
- Meg and Chuck; mug, check
- Pat and Hans; hat, pans



APRIL / MAY

Drop that Microchip and Reach for the Sky! Exploring the creative side of computer crime.

Commutation Complications Can't tell if you're coming or going? Relax—in this time sequence puzzle, put *someone else's* life in order.

Fruit Bowl A peachy keen collage plum-full of "fruity" people and things.

Plus A review of the new Game Boy video system, a hidden contest, lots of April foolery, and enough Pencilwise puzzles to dull a dozen pencils.

72 pages of
Pencilwise
puzzles



MARCH/APRIL

Puzzle Firsts Ever wonder where the classic puzzle types began? In an eight-page special section, you can actually try the world's first logic problem (1899), puns 'n' anagrams crossword (1937), Photocrime (1937), Jumble® (1954), and other favorites.

Plus A fresh collection of all-new pencil puzzles for your mental spring cleaning.

**Look for it at newsstands
beginning February 27.**

**Not available on your GAMES
subscription.**

SEAGRAM'S 7 AND 4 ON THE FLOOR



© 1989 Joseph E. Seagram & Sons, N.Y. N.Y. American Whiskey. A blend. 40% Alc. by vol. (80 proof).

Seagram's Seven Crown



America's Good Time Spirit.

The response to Pipe Dream™ has been admirably restrained.



Fortunately, it's not necessary to physically restrain *everyone* who contracts *Pipe Dream* fever. But frankly, we're surprised that the Surgeon General hasn't ordered us to put a warning on the box.

Pipe Dream is Lucasfilm's fast-flowing new computer game of skill, strategy, and plumbing. And while the devilishly simple concept makes *Pipe Dream* easy to learn, it's mad-deniably tough to master.

Imagine playing chess in the middle of a pie fight.

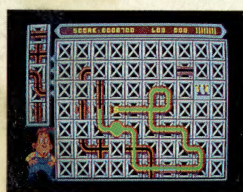
Pipe Dream's objective is simple enough: Just piece together a pipeline from plumbing parts

that appear on the side of the screen. But after eight seconds, the flood gates open. The plot thickens. And quickens.

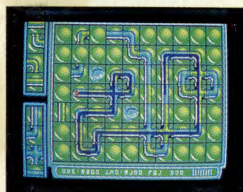
Suddenly, you're scrambling to lay pipe ahead of the flow. You've got to think strategically. But act instinctively. One wrong move, brief hesitation, or misplaced pipe part and you're sunk in a sea of soggy sewage!

Learn why plumbers earn \$75 an hour.

Of course the better you get, the faster the flow. And the 36 levels get progressively trickier, with special bonus tubes worth extra points. Reservoir sec-



The better you get, the trickier it gets. But one false move, and you're swamped!



Two plumbers can play this game.

tions that slow the flow of sludge. Unexpected obstacles appear. So do mandatory finishing points. And other trials to drive the deftest pipe-layer daffy.

Choose a *Pipe Dream* play mode to suit your skill: basic, expert, or two-plumber challenge. And when no one's looking, use the training mode to glimpse advanced level screens that you might otherwise never see.

Test your plumbing skills before you buy.

For a sample version of *Pipe Dream* look for specially marked boxes of Kao diskettes, or send \$2.00 for postage and handling to: Pipe Dream Offer, Kao Infosystems Company, 41444 Christy St., Fremont, CA 94538. State diskette size (3 1/2" or 5 1/4") and system type (PC or Macintosh only).

Once you've contracted *Pipe Dream* fever, move up to the full-blown version and really test your pipe-fitting prowess. If you're lucky, the only thing they'll have to restrain will be your enthusiasm.

**LUCASFILM™
GAMES™**

